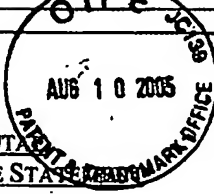




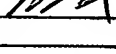


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U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA20	5,451,513	09/19/1995	Maliga <i>et al.</i>			08/25/1993
↓	AB20	6,040,138	03/21/2000	Lockhart <i>et al.</i>			09/15/1995
	AC20	6,174,669	01/16/2001	Hayashizaki <i>et al.</i>			11/20/1996
	AD20	6,197,554	03/06/2001	Lin <i>et al.</i>			11/20/1998
	AB20	6,303,301	10/16/2001	Mack			05/29/1998
	AF20	6,309,822	10/30/2001	Fodor <i>et al.</i>			12/23/1996
	AG20	6,333,155	12/25/2001	Lockhart <i>et al.</i>			12/18/1998
	AH20	6,399,334	06/04/2002	Li <i>et al.</i>			09/23/1998
	AI20	2002/0162126	10/31/2002	Beach <i>et al.</i>			05/24/2001
	AJ20	6,544,790	04/08/2003	Sabatini			09/18/2000
	AK20	2003/0135888	07/17/2003	Zhu <i>et al.</i>			09/26/2002

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL20	FR 2 670 502	06/19/1992	France			X Yes No
	AM20	WO 92/10577	06/25/1992	WIPO			X Yes No
	AN20	WO 94/20604	09/15/1994	WIPO			Yes No
	AO20	WO 98/47912	10/29/1998	WIPO			Yes No
	AP20	WO 98/51699	11/19/1998	WIPO			Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
AR	200	Agah, R., <i>et al.</i>, "Gene Recombination in Postmitotic Cells. Targeted Expression of Cre Recombinase Provokes Cardiac-restricted, Site-specific Rearrangement in Adult Ventricular Muscle In Vivo," J. Clin. Invest. 100:169-179, The American Society for Clinical Investigation, Inc. (July 1997)	
AS	200	Altschul, S.F., <i>et al.</i>, "Gapped BLAST and PSI-BLAST: a new generation of protein database search programs," Nucleic Acids Res. 25:3389-3402, Oxford University Press (1997)	
AT	200	Baum, J.A., "Tn5401, a New Class II Transposable Element From <i>Bacillus thuringiensis</i>," J. Bacteriol. 176:2835-2845, American Society for Microbiology (1994)	

EXAMINER	DATE CONSIDERED
<p><small>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.</small></p>	



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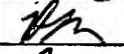


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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA21	2003/0175772	09/18/2003	Wang			12/26/2002
	AB21	6,720,140	04/13/2004	Hartley <i>et al.</i>			02/04/2000
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FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL21	WO 98/56943	12/17/1998	WIPO			Yes No
	AM21	WO 99/15702	04/01/1999	WIPO			Yes No
	AN21	WO 00/29000	05/25/2000	WIPO			Yes No
	AO21	WO 00/52027	09/08/2000	WIPO			Yes No
	AP21	WO 00/52141	09/08/2000	WIPO			Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	201	Benoist, C. and Chambon, P., "In vivo sequence requirements of the SV40 early promoter region," <i>Nature</i> 290:304-310, Macmillan Journals, Ltd. (1981)
AS	201	Botstein, D., <i>et al.</i> , "Making Mutations In Vitro and Putting Them Back Into Yeast," in <i>From Gene to Protein: Translation into Biotechnology</i> , Ahmad, F., <i>et al.</i> , eds., Academic Press, New York, NY, pp. 265-274 (1982)
AT	201	Broach, J.R., "The Yeast Plasmid 2 μ Circle," <i>Cell</i> 28:203-204, MIT (1982)

NOT PROVIDED

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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FOREIGN PATENT DOCUMENTS

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<i>RM</i>	AL22	WO 01/25466	04/12/2001	WIPO			Yes No
<i>RM</i>	AM22	WO 01/42509	06/14/2001	WIPO			Yes No
<i>RM</i>	AN22	WO 01/68836	09/20/2001	WIPO			Yes No
<i>RM</i>	AO22	WO 02/46372	06/13/2002	WIPO			Yes No
<i>RM</i>	AP22	WO 02/062957	08/15/2002	WIPO			Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

<i>RM</i>	AR	202	Cenatiempo, Y., "Prokaryotic gene expression <i>in vitro</i> : transcription-translation coupled systems," <i>Biochimie</i> 68:505-515, Elsevier (1986)
<i>RM</i>	AS	202	Christiansen, B., <i>et al.</i> , "A Resolvase-Like Protein Is Required for the Site-Specific Integration of the Temperate Lactococcal Bacteriophage TP901-1," <i>J. Bacteriol.</i> 178:5164-5173, American Society for Microbiology (September 1996)
<i>RM</i>	AT	202	Cooper, T.A., and Mattox, W., "Gene Regulation '97: The Regulation of Splice-Site Selection, and Its Role in Human Disease," <i>Am. J. Hum. Genet.</i> 61:259-266, American Society of Human Genetics (1997)

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
<i>PM</i>	AL23	WO 02/086144	10/31/2002	WIPO			Yes No
<i>PM</i>	AM23	WO 02/095055	11/28/2002	WIPO			Yes No
<i>PM</i>	AN23	WO 03/044207	05/30/2003	WIPO			Yes No
<i>PM</i>	AO23	WO 04/009768	01/29/2004	WIPO			Yes No
<i>PM</i>	AP23	WO 04/013290	02/12/2004	WIPO			Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	203	Crellin, P.K. and Rood, J.L., "The Resolvase/Invertase Domain of the Site-Specific Recombinase TnpX Is Functional and Recognizes a Target Sequence That Resembles the Junction of the Circular Form of the <i>Clostridium perfringens</i> Transposon Tn4451," <i>J. Bacteriol.</i> 179:5148-5156, American Society for Microbiology (August 1997)
<i>NOT REVIEWED</i>	AS	203	Eggertsson, G., and Soll, D., <i>et al.</i> , "Transfer Ribonucleic Acid-Mediated Suppression of Termination Codons in <i>Escherichia coli</i> ," <i>Microbiol. Rev.</i> 52:354-374, American Society for Microbiology (1988)
	AT	203	Engelberg-Kukla, H., and Schoulaker-Schwarz, R., in <i>Escherichia coli and Salmonella Cellular and Molecular Biology</i> , 2nd Ed., Neidhardt, F.C., <i>et al.</i> , eds., ASM Press, Washington, DC, pp. 909-921 (1996)

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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FOREIGN PATENT DOCUMENTS

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<i>Rm</i>	AL24	WO 01/59683 A2	08/16/2001	WIPO			Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	204	Ferrin, L.J. and Camerini-Otero, R.D., "Sequence-specific ligation of DNA using RecA protein," <i>Proc. Natl. Acad. Sci. USA</i> 95:2152-2157, National Academy of Sciences (March 1998)
NOT PROVIDED	AS	204	Glick, B.R., and Whitney, G.K., "Factors affecting the expression of foreign proteins in <i>Escherichia coli</i> ," <i>J. Ind. Microbiol.</i> 1:277-282, Elsevier Science Publishers (1987)
	AT	204	Gold, L., <i>et al.</i> , "Translational Initiation in Prokaryotes," <i>Ann. Rev. Microbiol.</i> 35:365-403, Annual Reviews, Inc. (1981)

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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FOREIGN PATENT DOCUMENTS

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	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>205</u>	Golic, K.G. and Golic, M.M., "Engineering the <i>Drosophila</i> Genome: Chromosome Rearrangements by Design," <i>Genetics</i> 144:1693-1711, The Genetics Society of America (1996)
	AS	<u>205</u>	Gottesman, S., "Bacterial Regulation: Global Regulatory Networks," <i>Ann. Rev. Genet.</i> 18:415-441, Annual Reviews, Inc. (1984)
	AT	<u>205</u>	Gryczan, T., "Molecular Cloning in <i>Bacillus subtilis</i> ," in <i>The Molecular Biology of the Bacilli, Volume I: Bacillus subtilis</i> , Dubnau, D.A., ed., Academic Press, New York, NY, pp. 307-329 (1982)

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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FOREIGN PATENT DOCUMENTS

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	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>206</u>	Gubler, U., and Hoffman, B.J., "A simple and very efficient method for generating cDNA libraries," <i>Gene</i> 25:263-269, Elsevier (1983)
	AS	<u>206</u>	Guo, F., <i>et al.</i> , "Structure of Cre recombinase complexed with DNA in a site-specific recombination synapse," <i>Nature</i> 389:40-46, Nature Publishing Group (September 1997)
	AT	<u>206</u>	Hallet, B. and Sherratt, D.J., "Transposition and site-specific recombination: adapting DNA cut-and-paste mechanisms to a variety of genetic rearrangements," <i>FEMS Microbiol. Rev.</i> 21:157-178, Elsevier Science B.V. (September 1997)

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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FOREIGN PATENT DOCUMENTS

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	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	207	Hamer, D.H. and Walling, M., "Regulation <i>In Vivo</i> of a Cloned Mammalian Gene: Cadmium Induces the Transcription of a Mouse Metallothionein Gene in SV40 Vectors," <i>J. Mol. Appl. Genet.</i> 1:273-288, Raven Press (1982)
	AS	207	Hanks, S.K. and Hunter, T., "The eukaryotic protein kinase superfamily: kinase (catalytic) domain structure and classification," <i>FASEB J.</i> 9:576-596, The Federation of American Societies for Experimental Biology (May 1995)
	AT	207	Huang, L-C., <i>et al.</i> , "Convenient and Reversible Site-Specific Targeting of Exogenous DNA into a Bacterial Chromosome by Use of the FLP Recombinase: the FLIRT System," <i>J. Bacteriol.</i> 179:6076-6083, American Society for Microbiology (October 1997)

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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	AM						Yes No
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	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>208</u>	John, Jr., J.F. and Twitty, J.A., "Plasmids as Epidemiologic Markers in Nosocomial Gram-Negative Bacilli: Experience at a University and Review of the Literature," <i>Rev. Infect. Dis.</i> 8:693-704, University of Chicago (1986)
	AS	<u>208</u>	Johnston, S.A. and Hopper, J.E., "Isolation of the yeast regulatory gene <i>GAL4</i> and analysis of its dosage effects on the galactose/melibiose regulon," <i>Proc. Natl. Acad. Sci. USA</i> 79:6971-6975, National Academy of Sciences (1982)
	AT	<u>208</u>	Kendall, K.J. and Cohen, S.N., "Plasmid Transfer in <i>Streptomyces lividans</i> : Identification of a <i>kil-kor</i> System Associated with the Transfer Region of pIJ101," <i>J. Bacteriol.</i> 169:4177-4183, American Society for Microbiology (1987)

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>209</u>	Krug, M.S., and Berger, S.L., "First-Strand cDNA Synthesis Primed with Oligo(dT)," <i>Methods Enzymol.</i> 152:316-325, Academic Press (1987)
	AS	<u>209</u>	Lyznik, L.A., <i>et al.</i> , "Activity of yeast FLP recombinase in maize and rice protoplasts," <i>Nucleic Acids Res.</i> 21:969-975, Oxford University Press (1993)
	AT	<u>209</u>	Maniatis, T., "Recombinant DNA Procedures in the Study of Eukaryotic Genes," in <i>Cell Biology: A Comprehensive Treatise, Volume 3, Gene Expression: The Production of RNA's</i> , Goldstein, L., and Prescott, D.M., eds., Academic Press, Inc., New York, NY, pp. 563-608 (1980)

EXAMINER

DATE CONSIDERED

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	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>210</u>	Maniatis, T., <i>et al.</i> , "The Isolation of Structural Genes from Libraries of Eucaryotic DNA," <i>Cell</i> 15:687-701, MIT (1978)
	AS	<u>210</u>	Martin, P.A., <i>et al.</i> , "Effects of gut hormones on ovine adipose metabolism <i>in vivo</i> using microdialysis," <i>Biochemical Society Transactions</i> 21:443S, Portland Press (1993)
	AT	<u>210</u>	Mayer, B.J. and Baltimore, D., "Signalling through SH2 and SH3 domains," <i>Trends Cell Biol.</i> 3:8-13, Elsevier Science (1993)

EXAMINER

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	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>211</u>	McKnight, S.L., "Functional Relationships between Transcriptional Control Signals of the Thymidine Kinase Gene of Herpes Simplex Virus," <i>Cell</i> 31:355-365, MIT (1982)
	AS	<u>211</u>	Mottagui-Tabar, S., "Quantitative analysis of <i>in vivo</i> ribosomal events at UGA and UAG stop codons," <i>Nucleic Acids Res.</i> 26:2789-2796, Oxford University Press (1998)
	AT	<u>211</u>	Mount, S.M., "A catalogue of splice junction sequences," <i>Nucleic Acids Res.</i> 10:459-472, Oxford University Press (1982)

EXAMINER

DATE CONSIDERED

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	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>212</u>	Nelson, K.K., and Green, M.R., "Splice site selection and ribonucleoprotein complex assembly during in vitro pre-mRNA splicing," <i>Genes Dev.</i> 2:319-329, Cold Spring Harbor Laboratory Press (1988)
	AS	<u>212</u>	Nunes-Duby, S.E., <i>et al.</i> , "λ Integrase cleaves DNA <i>in cis</i> ," <i>EMBO J.</i> 13:4421-4430, Oxford University Press (1994)
	AT	<u>212</u>	Odell, J., <i>et al.</i> , "Site-directed recombination in the genome of transgenic tobacco," <i>Mol. Gen. Genet.</i> 223:369-378, Springer-Verlag (1990)

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>213</u>	Okayama, H., and Berg, P., "High-Efficiency Cloning of Full-Length cDNA," <i>Mol. Cell. Biol.</i> 2:161-170, American Society for Microbiology (1982)
	AS	<u>213</u>	Peterson, B.O. and Shuman, S., "Histidine 265 Is Important for Covalent Catalysis by Vaccinia Topoisomerase and Is Conserved in All Eukaryotic Type I Enzymes," <i>J. Biol. Chem.</i> 272:3891-3896, The American Society for Biochemistry and Molecular Biology, Inc. (February 1997)
	AT	<u>213</u>	Rausch, H. and Lehmann, M., "Structural analysis of the actinophage ΦC31 attachment site," <i>Nucleic Acids Res.</i> 19:5187-5189, IRL Press (1991)

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>214</u>	Reed, R., "Initial splice-site recognition and pairing during pre-mRNA splicing," <i>Curr. Opin. Genet. Dev.</i> 6:215-220, Current Biology (1996)
	AS	<u>214</u>	Robinson, D.F., and Maxwell, I.H., "Suppression of Single and Double Nonsense Mutations Introduced into the Diphtheria Toxin A-Chain Gene: A Potential Binary System for Toxin Gene Therapy," <i>Human Gene Therapy</i> 6:137-143, Mary Ann Liebert, Inc. (1995)
	AT	<u>214</u>	Sadowski, I., <i>et al.</i> , "A Noncatalytic Domain Conserved among Cytoplasmic Protein-Tyrosine Kinases Modifies the Kinase Function and Transforming Activity of Fujinami Sarcoma Virus P130gag-fps," <i>Mol. Cell. Biol.</i> 6:4396-4408, American Society for Microbiology (1986)

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>215</u>	Sambrook, J., <i>et al.</i> , <i>Molecular Cloning, a Laboratory Manual</i> , 2nd Ed., Cold Spring Harbor Laboratory Press, Cold Spring Harbor, NY, pp. 16.30-16.55 (1989)
	AS	<u>215</u>	Sambrook, J., <i>et al.</i> , <i>Molecular Cloning, a Laboratory Manual</i> , 2nd Ed., Cold Spring Harbor Laboratory Press, Cold Spring Harbor, NY, pp. 8.6-8.63 (1989)
	AT	<u>215</u>	Sauer, B. and Henderson, N., "Targeted Insertion of Exogenous DNA into the Eukaryotic Genome by the Cre Recombinase," <i>New Biol.</i> 2:441-449, Saunders Scientific Publications/W.B. Saunders Company (1990)

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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	AA						
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FOREIGN PATENT DOCUMENTS

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	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	216	Sedivy, J.M., <i>et al.</i> , "An Inducible Mammalian Amber Suppressor: Propagation of a Poliovirus Mutant," <i>Cell</i> 50:379-389, Cell Press (1987)
	AS	216	Sekiguchi, J., and Shuman, S., "Requirements for noncovalent binding of vaccina topoisomerase I to duplex DNA," <i>Nucleic Acids Res.</i> 22:5360-5365, Oxford University Press (1994)
	AT	216	Senecoff, J.F., <i>et al.</i> , "The FLP recombinase of the yeast 2- μ m plasmid: Characterization of its recombination site," <i>Proc. Natl. Acad. Sci. USA</i> 82:7270-7274, National Academy of Sciences (1985)

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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FOREIGN PATENT DOCUMENTS

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	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>217</u>	Shaikh, A.C. and Sadowski, P.D., "The Cre Recombinase Cleaves the <i>lox</i> Site in <i>trans</i> ," <i>J. Biol. Chem.</i> 272:5695-5702, The American Society for Biochemistry and Molecular Biology, Inc. (February 1997)
	AS	<u>217</u>	Sharp, P.A., "Split Genes and RNA Splicing," <i>Cell</i> 77:805-815, Cell Press (1994)
	AT	<u>217</u>	Shirai, M., <i>et al.</i> , "Site-Specific Integration of the Actinophage R4 Genome into the Chromosome of <i>Streptomyces parvulus</i> upon Lysogenization," <i>J. Bacteriol.</i> 173:4237-4239, American Society for Microbiology (1991)

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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FOREIGN PATENT DOCUMENTS

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	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	218	Short, J.M., <i>et al.</i> , "λ ZAP: a bacteriophage λ expression vector with <i>in vivo</i> excision properties," <i>Nucleic Acids Res.</i> 16:7583-7600, Oxford University Press (1988)
	AS	218	Shuman, S., "Site-specific Interaction of Vaccinia Virus Topoisomerase I with Duplex DNA. Minimal DNA Substrate for Strand Cleavage <i>In Vitro</i> ," <i>J. Biol. Chem.</i> 266:11372-11379, The American Society for Biochemistry and Molecular Biology, Inc. (1991)
	AT	218	Shuman, S., "Erratum: Site-specific Interaction of Vaccinia Virus Topoisomerase I with Duplex DNA. Minimal DNA Substrate for Strand Cleavage <i>In Vitro</i> ," <i>J. Biol. Chem.</i> 266:20576-20577, The American Society for Biochemistry and Molecular Biology, Inc. (1991)

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	219	Shuman, S., <i>et al.</i> , "Characterization of Vaccinia Virus DNA Topoisomerase I Expressed in <i>Escherichia coli</i> ," <i>J. Biol. Chem.</i> 263:16401-16407, The American Society for Biochemistry and Molecular Biology, Inc. (1988)
	AS	219	Silver, P.A., <i>et al.</i> , "Amino terminus of the yeast <i>GAL4</i> gene product is sufficient for nuclear localization," <i>Proc. Natl. Acad. Sci. USA</i> 81:5951-5955, National Academy of Sciences (1984)
	AT	219	Stark, W.M., <i>et al.</i> , "Catalysis by site-specific recombinases," <i>Trends Genet.</i> 8:432-439, Elsevier Science (1992)

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	220	Temple, G.F., <i>et al.</i> , "Construction of a functional human suppressor tRNA gene: an approach to gene therapy for β -thalassaemia," <i>Nature</i> 296:537-540, Nature Publishing Co. (1982)
	AS	220	Thompson, J.D., <i>et al.</i> , "CLUSTAL W: improving the sensitivity of progressive multiple sequence alignment through sequence weighting, position-specific gap penalties and weight matrix choice," <i>Nucleic Acids Res.</i> 22:4673-4680, Oxford University Press (1994)
	AT	220	Ulmanen, I., <i>et al.</i> , "Transcription and Translation of Foreign Genes in <i>Bacillus subtilis</i> by the Aid of a Secretion Vector," <i>J. Bacteriol.</i> 162:176-182, American Society for Microbiology (1985)

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	221	van Deursen, J., <i>et al.</i> , "Cre-mediated site-specific translocation between nonhomologous mouse chromosomes," <i>Proc. Natl. Acad. Sci. USA</i> 92:7376-7380, National Academy of Sciences (1995)
	AS	221	Ward, J.M., <i>et al.</i> , "Construction and characterisation of a series of multi-copy promoter-probe plasmid vectors for <i>Streptomyces</i> using the aminoglycoside phosphotransferase gene from Tn5 as indicator," <i>Mol. Gen. Genet.</i> 203:468-478, Springer-Verlag (1986)
	AT	221	Watson, J.D., <i>et al.</i> , "Transferring Genes into Mammalian Cells," in <i>Recombinant DNA</i> , 2nd Ed., W.H. Freeman and Co., New York, NY, pp. 213-234 (1992)

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>222</u>	Zhang, Z., <i>et al.</i> , "Protein sequence similarity searches using patterns as seeds," <i>Nucleic Acids Res.</i> 26:3986-3990, Oxford University Press (1998)
	AS	<u>222</u>	Invitrogen Life Technologies online catalog, "Directional TOPO Entry Vectors," 4 pages, accessed September 27, 2002, available at: http://www.invitrogen.com/content.cfm?pageid=3799&cfid=2897960&cftoken=88086554
	AT	<u>222</u>	Dialog File 351, Derwent World Patent Index, unverified English Language Abstract for French Patent No. FR 2 670 502 and PCT Patent No. WO 92/10577, WPI Accession No. 9107201

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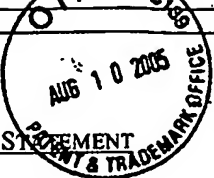


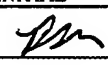




OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>223</u>	Argos, P., <i>et al.</i> , "The integrase family of site-specific recombinases: regional similarities and global diversity," <i>EMBO J.</i> 5:433-440, IRL Press Ltd. (1986)
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EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
 	AAI	4,626,505	12/02/1986	Falco			02/24/1984
	ABI	4,673,640	06/16/1987	Backman			04/30/1984
	ACI	4,683,195	07/28/1987	Mullis <i>et al.</i>			02/07/1986
	ADI	4,683,202	07/28/1987	Mullis			10/25/1985
	AEI	4,743,546	05/10/1988	Backman <i>et al.</i>			04/29/1987
	AFI	4,808,537	02/28/1989	Stroman <i>et al.</i>			10/30/1984
	AGI	4,855,231	08/08/1989	Stroman <i>et al.</i>			09/25/1985
	AHI	4,959,217	09/25/1990	Sanders <i>et al.</i>			05/22/1986
	AI1	4,959,317	09/25/1990	Sauer			06/17/1987
	AJI	4,965,188	10/23/1990	Mullis <i>et al.</i>			11/01/1989
	AKI	5,093,257	03/03/1992	Gray			05/26/1989
FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
 	ALI	EP 0 160 571	11/06/1985	Europe			Yes No
	AMI	EP 0 220 009	04/29/1987	Europe			Yes No
	ANI	EP 0 300 422	01/25/1989	Europe			Yes No
	AOI	WO 90/11375	10/04/1990	WIPO			Yes No
	API	WO 91/02801	03/07/1991	WIPO			Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
  	AR	1	Abremski, K., <i>et al.</i> , "Bacteriophage P1 Cre-loxP Site-specific Recombination: Site-specific DNA Topoisomerase Activity of the Cre Recombination Protein," <i>J. Biol. Chem.</i> 261:391-396, American Society for Biochemistry and Molecular Biology (1986)				
	AS	1	Abremski, K., and Hoess, R., "Bacteriophage P1 Site-specific Recombination. Purification and Properties of the Cre Recombinase Protein," <i>J. Biol. Chem.</i> 259:1509-1514, American Society for Biochemistry and Molecular Biology (1984)				
	AT	1	Abremski, K., <i>et al.</i> , "Studies on the Properties of P1 Site-Specific Recombination: Evidence for Topologically Unlinked Products Following Recombination," <i>Cell</i> 32:1301-1311, Cell Press (1993)				
EXAMINER					DATE CONSIDERED		
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.							

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
<i>DM</i>	AA2	5,102,797	04/07/1992	Tucker <i>et al.</i>			01/19/1990
	AB2	5,159,062	10/27/1992	Knapp <i>et al.</i>			10/01/1990
	AC2	5,227,288	07/13/1993	Blattner			01/09/1991
	AD2	5,286,632	02/15/1994	Jones			07/16/1992
	AE2	5,334,375	08/02/1994	Nabi <i>et al.</i>			10/15/1993
	AF2	5,334,575	08/02/1994	Noonan <i>et al.</i>			12/17/1992
	AG2	5,348,886	09/20/1994	Lee <i>et al.</i>			09/04/1992
	AH2	5,354,668	10/11/1994	Auerbach			09/29/1992
	AI2	5,378,618	01/03/1995	Sternberg <i>et al.</i>			03/15/1994
	AJ2	5,434,066	07/18/1995	Bebee <i>et al.</i>			12/21/1993
	AK2	5,470,727	11/28/1995	Mascarenhas <i>et al.</i>			01/29/1993

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
<i>DM</i>	AL2	EP 0 427 074	05/15/1991	Europe			Yes No
	AM2	WO 91/09957	07/11/1991	WIPO			Yes No
	AN2	WO 91/16427	10/31/1991	WIPO			Yes No
	AO2	WO 92/15694	09/17/1992	WIPO			Yes No
	AP2	WO 92/20791	11/26/1992	WIPO			Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

<i>DM</i>	AR	2	Abremski, K., and Gottesman, S., "Purification of the Bacteriophage λ <i>xis</i> Gene Product Required for λ Excisive Recombination," <i>J. Biol. Chem.</i> 257:9658-9662, American Society for Biochemistry and Molecular Biology (1982)
<i>DM</i>	AS	2	Adams, D.E., <i>et al.</i> , "Cre-lox Recombination in <i>Escherichia coli</i> Cells: Mechanistic Differences from the <i>in Vitro</i> Reaction," <i>J. Mol. Biol.</i> 226:661-673, Academic Press (1992)
<i>DM</i>	AT	2	Akagi, K., <i>et al.</i> , "Cre-mediated somatic site-specific recombination in mice," <i>Nucl. Acids Res.</i> 25:1766-1773, Oxford University Press (May 1997)

EXAMINER

DATE CONSIDERED

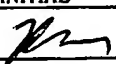
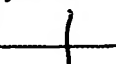
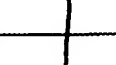
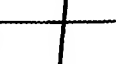
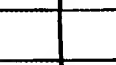
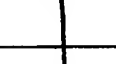


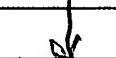


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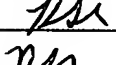
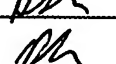

INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET No.
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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA3	5,527,695	06/18/1996	Hodges <i>et al.</i>			02/03/1995
	AB3	5,591,609	01/07/1997	Auerbach			02/17/1994
	AC3	5,605,793	02/25/1997	Stemmer			09/26/1995
	AD3	5,614,389	03/25/1997	Auerbach			01/20/1995
	AE3	5,635,381	06/03/1997	Hooykaas <i>et al.</i>			06/07/1995
	AF3	5,650,308	07/22/1997	Baum			06/07/1995
	AG3	5,650,557	07/22/1997	Hannah <i>et al.</i>			07/27/1994
	AH3	5,654,182	08/05/1997	Wahl <i>et al.</i>			06/07/1995
	AI3	5,658,772	08/19/1997	Odell <i>et al.</i>			03/02/1994
	AJ3	5,677,170	10/14/1997	Devine <i>et al.</i>			06/07/1995
	AK3	5,677,177	10/14/1997	Wahl <i>et al.</i>			07/29/1996

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL3	WO 92/22650	12/23/1992	WIPO			Yes No
	AM3	EP 0 542 466	05/19/1993	Europe			Yes No
	AN3	WO 93/15191	08/05/1993	WIPO			Yes No
	AO3	WO 93/19172	09/30/1993	WIPO			Yes No
	AP3	CA 2,141,412	02/17/1994	Canada			Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)


	AR	3	Aladjem, M.I., <i>et al.</i> , "Positive Selection of FLP-Mediated Unequal Sister Chromatid Exchange Products in Mammalian Cells," <i>Mol. Cell. Biol.</i> 17:857-861, American Society for Microbiology (February 1997)
	AS	3	Albert, H., <i>et al.</i> , "Site-specific Integration of DNA into wild-type and mutant <i>lox</i> sites placed in the plant genome," <i>Plant J.</i> 7:649-659, Blackwell Science Ltd. (1995)
	AT	3	Andrews, B.J., <i>et al.</i> , "The FLP Recombinase of the 2 μ Circle DNA of Yeast: Interaction with Its Target Sequences," <i>Cell</i> 40:795-803, Cell Press (1985)

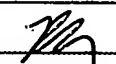

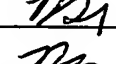


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U.S. PATENT DOCUMENTS							
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	AA4	5,710,248	01/20/1998	Grose			06/07/1995
↓	AB4	5,723,765	03/03/1998	Oliver <i>et al.</i>			03/02/1995
	AC4	5,728,551	03/17/1998	Devine <i>et al.</i>			02/01/1996
	AD4	5,733,733	03/31/1998	Auerbach			06/10/1996
	AE4	5,733,743	03/31/1998	Johnson <i>et al.</i>			03/08/1996
	AF4	5,744,336	04/28/1998	Hodges <i>et al.</i>			02/13/1985
	AG4	5,766,891	06/16/1998	Shuman			12/19/1994
	AH4	5,776,449	07/07/1998	Baum <i>et al.</i>			09/20/1996
	AI4	5,801,030	09/01/1998	McVey <i>et al.</i>			09/01/1995
	AJ4	5,814,300	09/29/1998	Scott <i>et al.</i>			03/03/1995
	AK4	5,830,707	11/03/1998	Bushman			06/05/1995

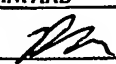
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	AM4	WO 94/09127	04/28/1994	WIPO			No
	AN4	WO 94/17176	08/04/1994	WIPO			Yes
	AO4	WO 94/18333	08/18/1994	WIPO			No
	AP4	WO 95/00555	01/05/1995	WIPO			Yes
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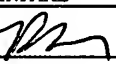

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
	AR	4	Andrews, B.J., <i>et al.</i> , "Interaction of the FLP Recombinase of the <i>Saccharomyces cerevisiae</i> 2µm Plasmid with Mutated Target Sequences," <i>Mol. Cell. Biol.</i> 6:2482-2489, American Society for Microbiology (1986)
	AS	4	Angelastro, J.M., <i>et al.</i> , "Identification of diverse nerve growth factor-regulated genes by serial analysis of gene expression (SAGE) profiling," <i>Proc. Natl. Acad. Sci. USA</i> 97:10424-10429, National Academy of Sciences (September 2000)
	AT	4	Angrand, P.O., <i>et al.</i> , "Inducible expression based on regulated recombination: a single vector strategy for stable expression in cultured cells," <i>Nucl. Acids Res.</i> 26:3263-3269, Oxford University Press (July 1998)




EXAMINER	DATE CONSIDERED
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FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT		Page 5 of 121 ATTY. DOCKET NO. 0942.5500001/RWE/FRC APPLICANTS Muir <i>et al.</i> FILING DATE July 15, 2003	APPLICATION NO. 10/618,852 ART UNIT 2165 1631
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U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA5	5,837,242	11/17/1998	Holliger <i>et al.</i>			05/14/1996
	AB5	5,837,458	11/17/1998	Minshull <i>et al.</i>			05/20/1996
	AC5	5,843,772	12/01/1998	Devine <i>et al.</i>			11/18/1994
	AD5	5,851,808	12/22/1998	Elledge <i>et al.</i>			02/28/1997
	AE5	5,858,657	01/12/1999	Winter <i>et al.</i>			06/07/1995
	AF5	5,871,907	02/16/1999	Winter <i>et al.</i>			03/31/1994
	AG5	5,874,259	02/23/1999	Szybalski			11/21/1997
	AH5	5,888,732	03/30/1999	Hartley <i>et al.</i>			06/07/1996
	AI5	5,916,804	06/29/1999	Bushman			04/17/1998
	AJ5	5,919,676	07/06/1999	Graham <i>et al.</i>			06/07/1995
	AK5	5,928,914	07/27/1999	Leboulch <i>et al.</i>			11/05/1996

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL5	WO 96/04393	02/19/1996	WIPO 2/15/96			Yes No
	AM5	WO 96/19497	06/27/1996	WIPO			Yes No
	AN5	WO 96/30498	10/03/1996	WIPO			Yes No
	AO5	WO 96/40722	12/19/1996	WIPO			Yes No
	AP5	WO 96/40724	12/19/1996	WIPO			Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
	AR	5	Anton, M., and Graham, F.L., "Site-Specific Recombination Mediated by an Adenovirus Vector Expressing the Cre Recombinase Protein: a Molecular Switch for Control of Gene Expression," <i>J. Virol.</i> 69:4600-4606, American Society for Microbiology (1995)
	AS	5	Araki, H., <i>et al.</i> , "Site-specific Recombinase, R, Encoded by Yeast Plasmid pSR1," <i>J. Mol. Biol.</i> 225:25-37, Academic Press, Inc., New York, NY (1992)
	AT	5	Astumian, J.H., <i>et al.</i> , "Site-specific recombination between cloned attP and attB sites from the Haemophilus influenza bacteriophage HP1 propagated in recombination deficient <i>Escherichia coli</i> ," <i>J. Bacteriol.</i> 171:1747-1750, American Society for Microbiology (1989)


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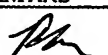

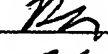

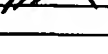
INFORMATION DISCLOSURE STATEMENT

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA6	5,929,307	07/27/1999	Hodges <i>et al.</i>			12/20/1996
	AB6	5,962,255	10/05/1999	Griffiths <i>et al.</i>			12/05/1994
	AC6	5,981,177	11/09/1999	Demirjian <i>et al.</i>			01/25/1995
	AD6	5,989,872	11/22/1999	Luo <i>et al.</i>			08/12/1997
	AE6	6,010,884	01/04/2000	Griffiths <i>et al.</i>			05/29/1996
	AF6	6,040,430	03/21/2000	Stewart			12/26/1995
	AG6	6,066,778	05/23/2000	Ginsburg, <i>et al.</i>			11/06/1996
	AH6	6,063,627	06/16/2000	McVey <i>et al.</i>			02/25/1998
	AI6	6,080,576	06/27/2000	Zambrowicz, <i>et al.</i>			04/08/1998
	AJ6	6,143,557	11/07/2000	Hartley <i>et al.</i>			01/20/1999
	AK6	6,171,861	01/09/2001	Hartley <i>et al.</i>			01/12/1998

FOREIGN PATENT DOCUMENTS

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	AN6	WO 97/25446	07/17/1997	WIPO			Yes No
	AO6	WO 97/32481	09/12/1997	WIPO			Yes No
	AP6	WO 98/10086	03/12/1998	WIPO			Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	6	Atlung, T., <i>et al.</i> , "A versatile method for integration of genes and gene fusions into the λ attachment site of <i>Escherichia coli</i> ," <i>Gene</i> 107:11-17, Elsevier Science (1991)
	AS	6	Ausubel, F.M., <i>et al.</i> , "Maps of Plasmids pBR322 and pUC19," in <i>Short Protocols in Molecular Biology, Third Edition</i> , John Wiley & Sons, Inc., Boston, MA, pp. 1.12-1.13 (1995)
	AT	6	Ayres, E.K., <i>et al.</i> , "Precise Deletions in Large Bacterial Genomes by Vector-mediated Excision (VEX) The <i>trfA</i> Gene of Promiscuous Plasmid RK2 is Essential for Replication in Several Gram-negative Hosts," <i>J. Mol. Biol.</i> 230:174-185, Academic Press (1993)

EXAMINER

DATE CONSIDERED

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA7	6,225,121	05/01/2001	Savakis, C. <i>et al.</i>			04/27/1998
	AB7	6,262,341	07/17/2001	Baszczynski <i>et al.</i>			11/17/1998
	AC7	6,270,969	08/07/2001	Hartley <i>et al.</i>			01/20/1999
	AD7	6,271,436	08/07/2001	Piedrahita <i>et al.</i>			10/10/1997
	AE7	6,277,608	08/21/2001	Hartley <i>et al.</i>			04/22/1999
	AF7	2002/0007051	01/17/2002	Cheo <i>et al.</i>			12/11/2000
	AG7	6,361,972	03/26/2002	Harrington <i>et al.</i>			01/10/2000
	AH7	6,365,377	04/02/2002	Patten <i>et al.</i>			03/03/2000
	AI7	2002/0068290	06/06/2002	Yarovinsky			05/31/2001
	AJ7	6,410,266	06/25/2002	Harrington <i>et al.</i>			01/07/2000
	AK7	6,410,317	06/25/2002	Farmer			07/14/2000

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL7	WO 98/53056	11/26/1998	WIPO			Yes X No
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	AN7	WO 99/21977	05/06/1999	WIPO			Yes No
	AO7	WO 99/25851	05/27/1999	WIPO			Yes X No
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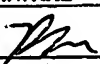
	AR	1	Babineau, D., <i>et al.</i> , "The FLP Protein of the 2-micron Plasmid of Yeast," <i>J. Biol. Chem.</i> 260:12313-12391, American Society for Biochemistry and Molecular Biology, Inc. (1985)
	AS	1	Backman, K., <i>et al.</i> , "Use of Synchronous Site-Specific Recombination <i>In Vivo</i> to Regulate Gene Expression," <i>BioTechnology</i> 2:1045-1049 (1984)
	AT	1	Bai, C., <i>et al.</i> , "SKP1 Connects Cell Cycle Regulators to the Ubiquitin Proteolysis Machinery through a Novel Motif, the F-Box," <i>Cell</i> 86:263-274, Cell Press (July 1996)

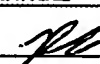
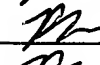
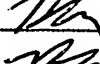

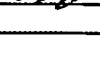
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ATTY. DOCKET NO. 0942.5500001/RWE/FRC	APPLICATION NO. 10/618,852						
APPLICANTS Muir <i>et al.</i>							
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U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA8	2002/0094574	07/18/2002	Hartley <i>et al.</i>			05/16/2001
↓	AB8	2002/0106797	08/08/2002	Miles <i>et al.</i>			03/12/2001
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	AF8	2002/0192819	12/19/2002	Hartley <i>et al.</i>			07/19/2001
	AG8	2003/0027289	02/06/2003	Farmer			04/05/2002
	AH8	2003/0027337	02/06/2003	Droge <i>et al.</i>			02/25/2002
	AI8	2003/0054552	03/20/2003	Hartley <i>et al.</i>			01/30/2002
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FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL8	WO 00/12687	03/09/2000	WIPO			Yes No
	AM8	EP 1 035 208	09/13/2000	Europe			Yes No
	AN8	WO 00/60091	10/12/2000	WIPO			Yes No
	AO8	WO 01/05961	01/25/2001	WIPO			Yes No
	AP8	WO 01/07572	02/01/2001	WIPO			Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
	AR	8	Balakrishnan, R., <i>et al.</i> , "A gene cassette for adapting <i>Escherichia coli</i> strains as hosts for <i>att</i> -Int-mediated rearrangement and <i>p_L</i> expression vectors," <i>Gene</i> 138:101-104, Elsevier Science (January 1994)
	AS	8	Ball, C.A., and Johnson, R.C., "Efficient Excision of Phage λ from the <i>Escherichia coli</i> Chromosome Requires the Fis Protein," <i>J. Bacteriol.</i> 173: 4027-4031, American Society for Microbiology (July 1991)
	AT	8	Barnes, G., and Rine, J., "Regulated expression of endonuclease <i>EcoRI</i> in <i>Saccharomyces cerevisiae</i> : Nuclear entry and biological consequences," <i>Proc. Natl. Acad. Sci. USA</i> 82: 1354-1358, National Academy of Sciences (1985)


EXAMINER	DATE CONSIDERED
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




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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA9	2003/0064515	04/03/2003	Hartley <i>et al.</i>			01/30/2002
	AB9	2003/0068799	04/10/2003	Hartley <i>et al.</i>			06/06/2002
	AC9	2003/0077804	04/24/2003	Byrd <i>et al.</i>			04/19/2002
	AD9	2003/0100110	05/29/2003	Hartley <i>et al.</i>			11/02/1999
	AE9	2003/0124555	07/03/2003	Brasch <i>et al.</i>			05/21/2002
	AF9	2003/0153055	08/14/2003	Miles <i>et al.</i>			02/20/2003
	AG9	2003/0157662	08/21/2003	Gerard <i>et al.</i>			11/13/2002
	AH9	2003/0157716	08/21/2003	Hartley <i>et al.</i>			11/02/2001
	AI9	2003/0175970	09/18/2003	Hartley <i>et al.</i>			11/21/2002
	AJ9	2003/0176644	09/18/2003	Byrd <i>et al.</i>			02/07/2002
	AK9	2003/0186233	10/02/2003	Chesnut <i>et al.</i>			12/07/2001

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL9	WO 01/11058	02/15/2001	WIPO			Yes No
	AM9	WO 01/31039	05/03/2001	WIPO			Yes No
	AN9	WO 01/62892	08/30/2001	WIPO			Yes No
	AO9	WO 02/00875	01/03/2002	WIPO			Yes No
	AP9	WO 02/05294	01/17/2002	WIPO			Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	2	Bauer, C.E., <i>et al.</i> , "Extent of Sequence Homology Required for Bacteriophage Lambda Site-specific Recombination," <i>J. Mol. Biol.</i> 181:187-197, Academic Press Inc. (1985)
	AS	2	Bayley, C.C., <i>et al.</i> , "Exchange of gene activity in transgenic plants catalyzed by the Cre-lox site specific recombination system," <i>Plant Mol. Biol.</i> 18:353-361, Dordrecht Kluwer Academic (1992)
	AT	2	Bernard, P., and Couturier, M., "Cell Killing by the F plasmid CcdB Protein Involves Poisoning of DNA-topoisomerase II Complexes," <i>J. Mol. Biol.</i> 226:735-745, Academic Press, Inc. (1992)

EXAMINER

DATE CONSIDERED

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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE	
Pm	AA10	2003/0220249	Hackett <i>et al.</i>			02/07/2003	
↓	AB10	2004/0040053	Nomura <i>et al.</i>			11/22/2002	
↓	AC10	2004/0053412	Hartley <i>et al.</i>			03/26/2003	
↓	AD10	2004/0063207	Hartley <i>et al.</i>			10/08/2003	
↓	AE10	6,720,140	Hartley <i>et al.</i>			02/04/2000	
↓	AF10	2004/0171156	Hartley <i>et al.</i>			04/02/2004	
↓	AG10	2004/0171157	Hartley <i>et al.</i>			04/08/2004	
↓	AH10	2004/0219516	Bennett <i>et al.</i>			07/18/2003	
↓	AI10	2004/0219673	Hartley <i>et al.</i>			03/10/2004	
↓	AJ10	2004/0229229	Cheo <i>et al.</i>			08/14/2003	
↓	AK10	2004/0253631	Hartley <i>et al.</i>			07/19/2004	

FOREIGN PATENT DOCUMENTS							
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Pm	AL10	WO 02/08391	WIPO			Yes	
Pm	AM10	WO 02/16594	WIPO			No	
Pm	AN10	WO 02/061034	WIPO			Yes	
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Pm	AP10	WO 03/103600	WIPO			Yes	
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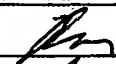

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
Pm	AR	10	Bernard, P., "Positive Selection of Recombinant DNA by CcdB," <i>BioTechniques</i> 21:320-323, Eaton Publishing Company (1996)
Pm	AS	10	Bernard, P. <i>et al.</i> , "The F Plasmid CcdB Protein Induces Efficient ATP-dependent DNA Cleavage by Gyrase," <i>J. Mol. Biol.</i> 234:534-541, Academic Press, Inc. (1993)
Pm	AT	10	Bernard, P., <i>et al.</i> , "Positive selection of vectors using the F plasmid <i>ccdB</i> killer gene," <i>Gene</i> 148: 71-74, Elsevier Science (1994)

EXAMINER	DATE CONSIDERED
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA11	2004/0265863	12/30/2004	Chesnut <i>et al.</i>			03/04/2004
	AB11	2005/0009091	01/13/2005	Hartley <i>et al.</i>			08/19/2004
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	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	11	Bethke, B., and Sauer, B., "Segmental genomic replacement by Cre-mediated recombination: genotoxic stress activation of the p53 promoter in single-copy transformants," <i>Nucl. Acids Res.</i> 25:2828-2834, Oxford University Press (1997)
	AS	11	Betz, U.A.K., <i>et al.</i> , "Bypass of lethality with mosaic mice generated by Cre-loxP-mediated recombination," <i>Curr. Biol.</i> 6:1307-1316, Current Biology Ltd. (October 1996)
	AT	11	Bhandari, P., and Gowrishankar, J., "An <i>Escherichia coli</i> host strain useful for efficient overproduction of cloned gene products with NaCl as the inducer," <i>J. Bacteriol</i> 179:4403-4406, American Society for Microbiology (July 1997)

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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	AO						Yes
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	AP						Yes
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	12	Black, L.W., "In vitro packaging into phage T4 particles and specific recircularization of phage lambda DNAs," <i>Gene</i> 46:97-101, Elsevier Science (1986)
	AS	12	Bloch, C.A., <i>et al.</i> , "Purification of <i>Escherichia coli</i> Chromosomal Segments without Cloning," <i>Biochem. Biophys. Res. Comm.</i> 223:104-111, Academic Press, Inc. (1996)
	AT	12	Bochner, B.R., <i>et al.</i> , "Positive Selection for Loss of Tetracycline Resistance," <i>J. Bacteriol.</i> 143:926-933, American Society for Microbiology (1980)

EXAMINER

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	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	13	Boshart, M., <i>et al.</i> , "A Very Strong Enhancer is Located Upstream of an Immediate Early Gene of Human Cytomegalovirus," <i>Cell</i> 41:521-530, MIT (1985)
	AS	13	Bouhassira, E.E., <i>et al.</i> , "Transcriptional Behavior of LCR Enhancer Elements Integrated at the Same Chromosomal Locus by Recombinase-Mediated Cassette Exchange," <i>Blood</i> 90:3332-3344, The American Society of Hematology (November 1997)
	AT	13	Boyd, A.C., "Turbo cloning: a fast, efficient method for cloning PCR products and other blunt-ended DNA fragments into plasmids," <i>Nucl. Acids Res.</i> 21:817-821, Oxford University Press (1993)

EXAMINER

DATE CONSIDERED

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	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	14	Brent, R., and Ptashne, M., "A bacterial repressor protein or a yeast transcriptional terminator can block upstream activation of a yeast gene," <i>Nature</i> 312: 612-615, Macmillan Journals Ltd. (1984)
	AS	14	Broach, J. R., <i>et al.</i> , "Recombination within the Yeast Plasmid 2 μ Circle is Site-Specific," <i>Cell</i> 29:227-234, Cell Press (1982)
	AT	14	Bruckner, R.C., and Cox, M.M., "The Histone-like H Protein of <i>Escherichia coli</i> is a ribosomal protein s3," <i>Nucl. Acids Res.</i> 17:3145-3161 (1989)

EXAMINER

DATE CONSIDERED

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	AO						Yes
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	AP						Yes
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	15	Brunelli, J.P., and Pall, M.L., "Lambda/Plasmid Vector Construction by <i>In Vivo cre/lox</i> -Mediated Recombination," <i>BioTechniques</i> 16:1061-1064, Eaton Publishing Company (June 1994)
	AS	15	Brunelli, J.P. and Pall, M.L., "A Series of Yeast/ <i>Escherichia coli</i> λ Expression Vectors Designed for Directional Cloning of cDNAs and <i>cre/lox</i> -Mediated Plasmid Excision," <i>Yeast</i> 9:1309-1318, John Wiley (1993)
	AT	15	Bubeck, P., <i>et al.</i> , "Rapid cloning by homologous recombination <i>in vivo</i> ," <i>Nucl. Acids Res.</i> 21:3601-3602, Oxford University Press (1993)

EXAMINER

DATE CONSIDERED

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	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	16	Buchholz, F., <i>et al.</i> , "A simple assay to determine the functionality of Cre or FLP recombination targets in genomic manipulation constructs," <i>Nucl. Acids Res.</i> 24:3118-3119, Oxford University Press (1996)
	AS	16	Buchholz, F., <i>et al.</i> , "Different thermostabilities of FLP and Cre recombinases: implications for applied site-specific recombination," <i>Nucl. Acids Res.</i> 24:4256-4262, Oxford University Press (1996)
	AT	16	Bushman, W., <i>et al.</i> , "Control of Directionality in Lambda Site Specific Recombination," <i>Science</i> 230:906-911, American Association for the Advancement of Science (1985)

EXAMINER




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	AO						Yes
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	AP						Yes
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
	AR	17	Burioni, R., <i>et al.</i> , "An improved phage display vector for antibody repertoire cloning by construction of combinatorial libraries," <i>Res. Virol.</i> 148:161-164, Elsevier (1997)
	AS	17	Campbell, A. M., "Chromosomal Insertion Sites for Phages and Plasmids," <i>J. Bacteriol.</i> 174:7495-7499, American Society For Microbiology (1992)
	AT	17	Capone, J.P., <i>et al.</i> , "Introduction of UAG, UAA, and UGA Nonsense Mutations at a Specific Site in the <i>Escherichia coli</i> Chloramphenicol Acetyltransferase Gene: Use in Measurement of Amber, Ochre, and Opal Suppression in Mammalian Cells," <i>Mol. Cell. Biol.</i> 6:3059-3067, American Society for Microbiology (1986)

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	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
	AR	18	Chanock, R.M., <i>et al.</i> , "Human Monoclonal Antibody Fab Fragments Cloned from Combinatorial Libraries: Potential Usefulness in Prevention and/or Treatment of Major Human Viral Diseases," <i>Infect. Agents Dis.</i> 2:118-131, Raven Press (1993)
	AS	18	Chapin, S.J., <i>et al.</i> , "Differential expression of alternatively spliced forms of MAP4: a repertoire of structurally different microtubule-binding domains," <i>Biochem.</i> 34:2289-2301, American Chemical Society (1995)
	AT	18	Chatterjee, P.K., and Coren, J.S., "Isolating large nested deletions in bacterial and P1 artificial chromosomes by <i>in vivo</i> P1 packaging of products of Cre-catalyzed recombination between the endogenous and a transposed <i>loxP</i> site," <i>Nucl. Acids Res.</i> 25:2205-2212, Oxford University Press (1997)

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U.S. PATENT DOCUMENTS

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	AP						Yes
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	12	Cherepanov, P.P., and Wackernagel, W., "Gene disruption in <i>Escherichia coli</i> : Tc ^R and Km ^R cassettes with the option of FLP-catalyzed excision of the antibiotic-resistance determinant," <i>Gene</i> 158:9-14, Elsevier Science (1995)
	AS	12	Chong, S., <i>et al.</i> , "Single-column purification of free recombinant proteins using a self-cleavable affinity tag derived from a protein splicing element," <i>Gene</i> 192:271-281, Elsevier Science B.V. (1997)
	AT	12	Chouluka, A., <i>et al.</i> , "Transfer of single gene-containing long terminal repeats into the genome of mammalian cells by a retroviral vector carrying the cre gene and the loxP site." <i>J Virol.</i> 70:1792-1798, American Society For Microbiology (1996)

EXAMINER




DATE CONSIDERED

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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
	AR	20	Chuang, C-F., <i>et al.</i> , "Specific and heritable genetic interference by double-stranded RNA in <i>Arabidopsis thaliana</i> ," <i>Proc. Natl. Acad. Sci. USA</i> 97:4985-4990, National Academy of Sciences of the USA (April 2000)
	AS	20	Cigan, A.M., <i>et al.</i> , "Mutational Analysis of the <i>HIS4</i> Translational Initiator Region in <i>Saccharomyces cerevisiae</i> ," <i>Mol. Cell. Biol.</i> 8:2964-2975, American Society for Microbiology (1988)
	AT	20	CLONTECH, "Creator™ Gene Cloning & Expression System," <i>CLONTECHniques</i> 15:7-11, CLONTECH (April 2000)

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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
	AR	21	CLONTECH, "New Additions to the Creator™ Platform," <i>CLONTECHniques</i> 16:3 pages, CLONTECH (January 2001)
	AS	21	CLONTECH, "New Creator™ -Compatible Expression Systems," <i>CLONTECHniques</i> 15:2 pages, CLONTECH (October 2000)
	AT	21	CLONTECH, "Creator™ Acceptor Vector Construction Kits" <i>CLONTECHniques</i> 16:2 pages, CLONTECH (October 2001)

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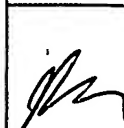
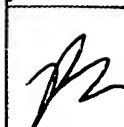
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	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	22	CLONTECH, "Creator™ SMART™ Library Construction Kit," CLONTECHniques 16:2 pages, CLONTECH, (October 2001)
	AS	22	CLONTECH, "Creator™: The Universal Platform for Analysis of Gene Function," Powerpoint Presentation, pp. 1-9, CLONTECH, (July 24, 2001), available at http://www.clontech.com/products/families/creator/popups/slpage1.html
	AT	22	CLONTECH, "Creator™ pDNR-Dual Cloning Kit," CLONTECHniques 16:3 pages, CLONTECH, (October 2001)

EXAMINER

DATE CONSIDERED

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	AP						Yes
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	23	Collis, C.M., and Hall, R.M., "Expression of Antibiotic Resistance Genes in the Integrated Cassettes of Integrins," <i>Antimicrob Agents Chemother</i> 39:155-162, American Society For Microbiology (1995)
	AS	23	Cormack, B., "Directed Mutagenesis Using the Polymerase Chain Reaction," in <i>Current Protocols in Molecular Biology, Supplement 37</i> , Ausubel, F.M., <i>et al.</i> , eds., John Wiley & Sons, Inc., Boston, MA, pp. 8.5.1-8.5.10 (1997)
	AT	23	Cormack, B., "Mutagenesis by the Polymerase Chain Reaction," in <i>Current Protocols in Molecular Biology, Vol. 1, Supplement 15</i> , Ausubel, F.M., <i>et al.</i> , eds., John Wiley & Sons, Inc., Boston, MA, pp. 8.5.1-8.5.9 (1991)

EXAMINER




DATE CONSIDERED

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	AP						Yes
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
	AR	24	Cox, M.M., "The FLP protein of the yeast 2-μm plasmid: Expression of a eukaryotic genetic recombination system in <i>Escherichia coli</i> ," <i>Proc. Natl. Acad. Sci. USA</i> 80:4223-4227, National Academy of Sciences (1983)
	AS	24	Craig, N.L., and Nash, H.A., "The Mechanism of Phage λ Site-Specific Recombination: Site-Specific Breakage of DNA by Int Topoisomerase," <i>Cell</i> 35:795-803, Cell Press (1983)
	AT	24	Curcio, M.J., and Garfinkel, D.J., "Single-step selection for Ty1 element retrotransposition," <i>Proc. Natl. Acad. Sci. USA</i> 88:936-940, National Academy of Sciences (1991)

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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>25</u>	Dale, E.C., and Ow, D.W., "Intra- and intermolecular site-specific recombination in plant cells mediated by bacteriophage P1 recombinase," <i>Gene</i> 91:79-85, Elsevier Science (1990)
	AS	<u>25</u>	Dale, E.C., and Ow, D.W., "Gene transfer with subsequent removal of the selection gene from the host genome," <i>Proc. Natl. Acad. Sci. USA</i> 88:10558-10562, National Academy of Sciences (1991)
	AT	<u>25</u>	Dale, E.C., and Ow, D.W., "Mutations in the Cre/lox Recombination Site Enhance the Stability of Recombination Products: Applications for Gene Targeting in Plants," <i>J. Cell. Biochem.</i> 16 (Suppl. F):206, abstract no. Y108, Wiley-Liss, Inc. (1992)

EXAMINER

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	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	26	Dang, D.T., and Perrimon, N., "Use of a Yeast Site-Specific Recombinase to Generate Embryonic Mosaics in <i>Drosophila</i> ," <i>Dev. Genet.</i> 13:367-375, Wiley-Liss (1992)
	AS	26	Datson, N.A., <i>et al.</i> , "MicroSAGE: a modified procedure for serial analysis of gene expression in limited amounts of tissue," <i>Nucl. Acids Res.</i> 27:1300-1307, Oxford University Press (March 1999)
	AT	26	Davies, J., and Reichmann, L., "An Antibody VH Domain with a <i>lox</i> -Cre Site Integrated Into its Coding Region: Bacterial Recombination within a Single Polypeptide Chain," <i>FEBS Letts.</i> 377:92-96, Elsevier Science (1995)

EXAMINER




DATE CONSIDERED

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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
	AR	27	Davis, C.R., <i>et al.</i> , "Analysis of the Mechanisms of Action of the <i>Saccharomyces cerevisiae</i> Dominant Lethal <i>cdc42</i> ^{G12V} and Dominant Negative <i>cdc42</i> ^{D118A} Mutations," <i>J. Biol. Chem.</i> 273:849-858, The American Society for Biochemistry and Molecular Biology (1998)
	AS	27	Degryse, E., "In vivo intermolecular recombination in <i>Escherichia coli</i> : application to plasmid constructions," <i>Gene</i> 170:45-50, Elsevier Science (1996)
	AT	27	Deng, M-D., and Coleman, J.R., "Ethanol Synthesis by Genetic Engineering in Cyanobacteria," <i>Appl. Environ. Microbiol.</i> 65:523-528, American Society for Microbiology (February 1999)

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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
	AR	28	Derbyshire, V., and Belfort, M., "Lightning strikes twice: Intron-intein coincidence," <i>Proc. Natl. Acad. Sci. USA</i> 95:1356-1357, National Academy of Sciences of the USA (1998)
	AS	28	Devine, S.E., and Boeke, J.D., "Efficient integration of artificial transposons into plasmid targets <i>in vitro</i> : a useful tool for DNA mapping, sequencing and genetic analysis," <i>Nucl. Acids Res.</i> 22:3765-3772, Oxford University Press (September 1994)
	AT	28	Diederich, L., <i>et al.</i> , "New Cloning Vectors for Integration into the λ Attachment Site <i>attB</i> of the <i>Escherichia coli</i> Chromosome," <i>Plasmid</i> 28:14-24, Academic Press (1992)

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	AP						Yes
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
	AR	29	Dijkema, R., <i>et al.</i> , "Cloning and Expression of the Chromosomal Immune Interferon Gene of the Rat." <i>EMBO J.</i> 4:761-767, IRL Press Limited (1985)
	AS	29	Dymecki, S.M., "A modular set of <i>Flp</i> , <i>FRT</i> and <i>lacZ</i> fusion vectors for manipulating genes by site-specific recombination," <i>Gene</i> 171:197-201, Elsevier North-Holland (June 1996)
	AT	22	Elledge, S.J., <i>et al.</i> , "λYES: A multifunctional cDNA expression vector for the isolation of genes by complementation of yeast and <i>Escherichia coli</i> mutations," <i>Proc. Natl. Acad. Sci. USA</i> 88:1731-1735, National Academy of Sciences (1991)

EXAMINER	DATE CONSIDERED
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	AP						Yes
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	30	Enquist, L.W., and Weisberg, R.A., "The Red Plaque Test: A Rapid Method for Identification of Excision Defective Variants of Bacteriophage Lambda," <i>Virology</i> 72:147-153, Academic Press, Inc. (1976)
	AS	30	Esposito, D., <i>et al.</i> , "The integrase family of tyrosine recombinases: evolution of a conserved active site domain," <i>Nucl. Acids Res.</i> 25:3605-3614, Oxford University Press (1997)
	AT	30	Feil, R., <i>et al.</i> , "Regulation of Cre Recombinase Activity by Mutated Estrogen Receptor Ligand-Binding Domains," <i>Biochem. Biophys. Res. Comm.</i> 237:752-757, Academic Press (1997)

EXAMINER

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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	31	Feinbaum, R., "Vectors Derived from Plasmids," in <i>Current Protocols in Molecular Biology</i> , Ausubel, F.M., <i>et al.</i> , eds., John Wiley & Sons, Inc., Boston, MA, pp. 1:1.5.1-1.5.17 (1998)
	AS	31	Ferguson, J., <i>et al.</i> , "Construction and characterization of three yeast- <i>Escherichia coli</i> shuttle vectors designed for rapid subcloning of yeast genes on small DNA fragments," <i>Gene</i> 16:191-197, Elsevier Science (1981)
	AT	31	Fiering, S., <i>et al.</i> , "An 'in-out' strategy using gene targeting and FLP recombinase for the functional dissection of complex DNA regulatory elements: Analysis of the β -globin locus control region," <i>Proc. Natl. Acad. Sci. USA</i> 90:8469-8473, National Academy of Sciences (1993)

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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
	AR	32	Filutowicz, M., <i>et al.</i> , "Purification of the <i>Escherichia coli</i> integration host factor (IHF) in one chromatographic step," <i>Gene</i> 147:149-150, Elsevier Science (September 1994)
	AS	32	Flanagan, P.M., and Fennwald, M.A., "Analysis of Inhibitors of the Site-specific Recombination Reaction Mediated by TN3 Resolvase," <i>J. Mol. Biol.</i> 206:295-304, Academic Press Limited (1989)
	AT	32	Flores, A., <i>et al.</i> , "A protein-protein interaction map of yeast RNA polymerase III," <i>Proc. Natl. Acad. Sci. USA</i> 96:7815-7820, National Academy of Sciences (July 1999)

EXAMINER	DATE CONSIDERED
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
	AR	33	Francia, M.V., <i>et al.</i> , "Gene Integration in the <i>Escherichia coli</i> Chromosome Mediated by Tn21 Integrase (Int21)," <i>J. Bacteriol.</i> 178:894-898, American Society For Microbiology (February 1996)
	AS	33	Francia, M.V., <i>et al.</i> , "The Intl1 Integron Preferentially Binds Single-Stranded DNA of the attC Site," <i>J. Bacteriol.</i> 181:6844-6849, American Society for Microbiology (1999)
	AT	33	Fukushige, S., and Sauer, B., "Genomic targeting with a positive-selection <i>lox</i> integration vector allows highly reproducible gene expression in mammalian cells," <i>Proc. Natl. Acad. Sci. USA</i> 89:7905-7909, National Academy of Sciences (1992)

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	AP						Yes
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
	AR	34	Gage, P.J., <i>et al.</i> , "A Cell-Free Recombination System for Site-Specific Integration of Multigenic Shuttle Plasmids into Herpes Simplex Type 1 Genome," <i>J. Virol.</i> 66:5509-5515, American Society for Microbiology (1992)
	AS	34	Gateway™ Cloning Technology, Version 1, GIBCO BRL, Life Technologies Instruction Manual, pp. 1-60 (November 1999), available at: http://www.lifetech.com/gateway
	AT	34	Gay, P., <i>et al.</i> , "Positive Selection Procedure for Entrapment of Insertion Sequence Elements in Gram-Negative Bacteria," <i>J. Bacteriol.</i> 164:918-921, American Society for Microbiology (1985)

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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	35	Gay, P., <i>et al.</i> , "Cloning Structural Gene <i>sacB</i> , which Codes for Exoenzyme Levansucrase of <i>Bacillus Subtilis</i> : Expression of the Gene in <i>Escherichia coli</i> ," <i>J. Bacteriol.</i> 153:1424-1431, American Society for Microbiology (1983)
	AS	35	Geoffroy, F., <i>et al.</i> , "A new phage display system to construct multicombinatorial libraries of very large antibody repertoires," <i>Gene</i> 151:109-113, Elsevier Science (December 1994)
	AT	35	Glasgow, A.C., <i>et al.</i> , "DNA-binding Properties of the Hin Recombinase," <i>J. Biol. Chem.</i> 264:10072-10082, American Society for Biochemistry and Molecular Biology (1989)

EXAMINER

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	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	36	Golic, K.G., and Lindquist, S., "The FLP Recombinase of Yeast Catalyzes Site-Specific Recombination in the Drosophila Genome," <i>Cell</i> 59:499-509, Cell Press (1989)
	AS	36	Gorman, C. M., <i>et al.</i> "The Rous Sarcoma Virus Long Terminal Repeat is a Strong Promoter when Introduced into a Variety of Eukaryotic Cells by DNA-mediated Transfection," <i>Proc. Natl. Acad. Sci. USA</i> 79:6777-6781, National Academy of Sciences (1982)
	AT	36	Götz, F., <i>et al.</i> , "Escherichia coli 30S mutants lacking protein S20 are defective in translation initiation," <i>Biochim. Biophys. Acta</i> 1050:93-97, Elsevier Publishing Co. (1990)

EXAMINER

DATE CONSIDERED

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	AO						Yes No
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	37	Green, R., and Noller, H.F., "Ribosomes and Translation," <i>Ann. Rev. Biochem.</i> 66:679-716, Annual Reviews, Inc. (1997)
	AS	37	Grindley, N.D.F., and Kelley, W.S., "Effects of Different Alleles of the <i>E. coli</i> K12 <i>polA</i> Gene on the Replication of Non-transferring Plasmids," <i>Molec. Gen. Genet.</i> 143:311-318, Springer Verlag (1976)
	AT	37	Gronostajski, R.M., and Sadowski, P.D., "The FLP Protein of the 2-micron Plasmid of Yeast. Inter- and Intramolecular Reactions," <i>J. Biol. Chem.</i> 260:12328-12335, The American Society of Biological Chemists, Inc. (1985)

EXAMINER

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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	38	Gu, H., <i>et al.</i> , "Deletion of a DNA polymerase beta gene segment in T cells using cell type-specific gene targeting," <i>Science</i> 265:103-106, American Association for the Advancement of Science (1994)
	AS	38	Guo, F., <i>et al.</i> , "Asymmetric DNA bending in the Cre-loxP site-specific recombination synapse," <i>Proc. Natl. Acad. Sci. USA</i> 96:7143-7148, National Academy of Sciences (1999)
	AT	38	Haffler, P., and Bickle, T.A., "Enhancer-independent mutants of the Cin Recombinase have a Relaxed Topological Specificity," <i>EMBO J.</i> 7:3991-3996, IRL Press Limited (1988)

EXAMINER




DATE CONSIDERED

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U.S. PATENT DOCUMENTS							
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	AO						Yes
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	AP						Yes
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
	AR	39	Hall, R.M., and Collis, C.M., "Mobile Gene Cassettes and Integrins: Capture and Spread of Genes by Site-specific Recombination," <i>Molec. Microbiol.</i> 15:593-600, Blackwell Science Ltd. (February 1995)
	AS	39	Hancock, R.E.W., and Scott, M.G., "The role of antimicrobial peptides in animal defenses," <i>Proc. Natl. Acad. Sci. USA</i> 97:8856-8861, National Academy of Sciences (August 2000)
	AT	39	Hardy, S., <i>et al.</i> , "Construction of Adenovirus Vectors through Cre-lox Recombination," <i>J. Virol.</i> 71:1842-1849, American Society for Microbiology (1997)

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.	

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U.S. PATENT DOCUMENTS

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	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	40	Hartley, J.L., <i>et al.</i> , "DNA Cloning Using In Vitro Site-Specific Recombination," <i>Genome Res.</i> 10:1788-1795, Cold Spring Harbor Laboratory Press (November 2000)
	AS	40	Hasan, N., <i>et al.</i> , "Escherichia coli genome targeting, I. Cre-lox-mediated in vitro generation of <i>ori</i> plasmids and their in vivo chromosomal integration and retrieval," <i>Gene</i> 150:51-56, Elsevier Science (December 1994)
	AT	40	Hasan, N., and Szybalski, W., "Control of cloned gene expression by promoter inversion in vivo: construction of improved vectors with a multiple cloning site and the <i>p_{tac}</i> promoter," <i>Gene</i> 56:145-151, Elsevier Science (1987)

EXAMINER

DATE CONSIDERED

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	AO						Yes No
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	41	Hashimoto-Gotoh, T., <i>et al.</i> , "Improved vector, pHSG664, for direct streptomycin-resistance selection: cDNA cloning with G:C-tailing procedure and subcloning of double-digested DNA fragments," <i>Gene</i> 41:125-128, Elsevier Science (1986)
	AS	41	Hehl, R., <i>et al.</i> , "Structural analysis of Tam3, a transposable element from <i>Antirrhinum majus</i> , reveals homologies to the Ac element from maize," <i>Plant Mol. Biol.</i> 16:369-371, Kluwer Academic Press (1991)
	AT	41	Henikoff, S., "Unidirectional digestion with exonuclease III creates targeted breakpoints for DNA sequencing," <i>Gene</i> 28:351-359, Elsevier Science Publishers (1984)

EXAMINER

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	AR	42	Heyman, J.A., <i>et al.</i> , "Genome-Scale Cloning and Expression of Individual Open Reading Frames Using Topoisomerase I-Mediated Ligation," <i>Genome Res.</i> 9:383-392, Cold Spring Harbor Laboratory Press (April 1999)
	AS	42	Hochuli, E., <i>et al.</i> , "Genetic Approach to Facilitate Purification of Recombinant Proteins with a Novel Metal Chelate Adsorbent," <i>BioTechnology</i> 6: 1321-1325, Nature Pub. Co. (1988)
	AT	42	Hoekstra, M.F., <i>et al.</i> , "Shuttle Mutagenesis: Bacterial Transposons for Genetic Manipulations in Yeast," <i>Meth. Enzymol.</i> 194:329-342, Academic Press (1991)

EXAMINER

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	AR	43	Hoess, R.H., <i>et al.</i> , "Mechanism of Strand Cleavage and Exchange in the Cre-lox Site-specific Recombination System," <i>J. Mol. Biol.</i> 181:351-362, Academic Press (1985)
	AS	43	Hoess, R., <i>et al.</i> , "Formation of small circular DNA molecules via an in vitro site-specific recombination system," <i>Gene</i> 40:325-329, Elsevier Science (1985)
	AT	43	Hoess, R.H., <i>et al.</i> , "P1 site-specific recombination: Nucleotide sequence of the recombining sites," <i>Proc. Natl. Acad. Sci. USA</i> 79:3398-3402, National Academy of Sciences (1982)

EXAMINER




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	AR	44	Hoess, R.H., <i>et al.</i> , "The role of the <i>loxP</i> spacer region in P1 site-specific recombination," <i>Nucl. Acids Res.</i> 14:2287-2300, Oxford University Press (1986)
	AS	44	Hoess, R. H., and Abremski, K., "The Cre- <i>lox</i> Recombination System," in <i>Nucleic Acids and Molecular Biology</i> , Vol. 4, ed. by Eckstein, F., and Lilley, D.M.J., Springer-Verlag, Berlin, pp. 99-109 (1990)
	AT	44	Hoess, R.H., and Abremski, K., "Interaction of the Bacteriophage P1 Recombinase Cre with the Recombining Site <i>loxP</i> ," <i>Proc. Natl. Acad. Sci. USA</i> 81:1026-1029, National Academy of Sciences (1984)

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U.S. PATENT DOCUMENTS

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	AP						Yes
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	45	Holt, C.L., and May, G.S., "A novel phage λ replacement Cre-lox vector that has automatic subcloning capabilities," <i>Gene</i> 133:95-97, Elsevier Science (1993)
	AS	45	Hoogenboom, H.R., <i>et al.</i> , "Multi-subunit proteins on the surface of filamentous phage: methodologies for displaying antibody (Fab) heavy and light chains," <i>Nucl. Acids Res.</i> 19:4133-4137, Oxford University Press (1991)
	AT	45	Iida, S., <i>et al.</i> , "A site specific, conservative recombination system carried by bacteriophage P1, Mapping of the recombinase gene cin and the crossover sites cix for the inversion of the c segment," <i>EMBO J.</i> 1:1445-1453, Oxford University Press (1982)

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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	AP						Yes
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>46</u>	Iino, T., and Kutsukake, K., "Trans-acting Genes of Bacteriophages P1 and Mu Mediate Inversion of a Specific DNA Segment Involved in Flagellar Phase Variation of <i>Salmonella</i> ," <i>Cold Spring Harbor Symposia on Quantitative Biology</i> 45:11-16, Cold Spring Harbor Laboratory Press (1981)
	AS	<u>46</u>	Institut Pasteur Website, Introduction: http://www.pasteur.fr/recherche/unites/pmtg/integ/intro.html (accessed 6/19/2003)
	AT	<u>46</u>	Institut Pasteur Website, Figure 1: http://www.pasteur.fr/recherche/unites/pmtg/integ/fig1.html (accessed 6/19/2003)

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	AR	47	Institut Pasteur Website, Figure 2: http://www.pasteur.fr/recherche/unites/pmtg/integ/fig2.html (accessed 6/19/2003)
	AS	47	Institut Pasteur Website, Figure 3: http://www.pasteur.fr/recherche/unites/pmtg/integ/fig3.html (accessed 6/19/2003)
	AT	47	Institut Pasteur Website, Main Page: http://www.pasteur.fr/recherche/unites/pmtg (accessed 6/19/2003)

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	AP						Yes
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	48	Invitrogen Online Catalog, "The Echo™ Cloning System: The Future of Cloning is Here," available at: http://web.archive.org/web/20010112191100/www.invitrogen.com/catalog_project/cat_echo.html (accessed July 7, 2004)
	AS	48	Jaffé, A., <i>et al.</i> , "Effects of the <i>ccd</i> Function of the F Plasmid on Bacterial Growth," <i>J. Bacteriol.</i> 163:841-849, American Society For Microbiology (1985)
	AT	48	Jayaram, M., "The <i>Int</i> Family of Site-specific Recombinases: Some thoughts on a General Reaction Mechanism," <i>J. Genet.</i> 67:29-36, Indian Academy of Sciences (1988)

EXAMINER

DATE CONSIDERED

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U.S. PATENT DOCUMENTS

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	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	42	Jeong, J-H., <i>et al.</i> , "Cloning and nucleotide sequencing of the genes, <i>rplU</i> and <i>rpmA</i> , for ribosomal proteins L21 and L27 of <i>Escherichia coli</i> ," <i>J. DNA Sequencing and Mapping</i> 4:59-67, Harwood Academic Publishers GmbH (1993)
	AS	42	Johnson, R.C., <i>et al.</i> , "Isolation of the gene encoding the Hin recombinational enhancer binding protein," <i>Proc. Natl. Acad. Sci. USA</i> 85:3484-3488, National Academy of Sciences (1988)
	AT	42	Kanaar, R., <i>et al.</i> , "Gin-Mediated Recombination of Catenated and Knotted DNA Substrates: Implications for the Mechanism of Interaction Between <i>Cis</i> -Acting Sites," <i>Cell</i> 58:147-159, Cell Press (1989)

EXAMINER

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	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	50	Kaniga, K., <i>et al.</i> , "A wide-host-range suicide vector for improving reverse genetics in Gram-negative bacteria: inactivation of the <i>blsa</i> gene of <i>Yersinia enterocolitica</i> ," <i>Gene</i> 109:137-141, Elsevier Science (1991)
	AS	50	Katz, L., <i>et al.</i> , "Site-specific recombination in <i>Escherichia coli</i> between the <i>att</i> sites of plasmid pSE211 from <i>Saccharopolyspora erithraea</i> ," <i>Mol. Gen. Genet.</i> 227: 155-159, Springer-Verlag (1991)
	AT	50	Kealey, J.T., <i>et al.</i> , "Production of Polyketide Natural Product in Nonpolyketide-producing Prokaryotic and Eukaryotic Hosts," <i>Proc. Natl. Acad. Sci. USA</i> 95:505-509, National Academy of Sciences (January 1998)

EXAMINER




DATE CONSIDERED

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	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
	AR	51	Kholodenko, B.N., <i>et al.</i> , "Metabolic Design: How to Engineer a Living Cell to Desired Metabolite Concentrations and Fluxes," <i>Biotechnol. Bioengineer.</i> 59:239-247, John Wiley & Son (1998)
	AS	51	Kilby, N.J., <i>et al.</i> , "Site-specific recombinases: tools for genome engineering," <i>Trends Genet.</i> 9:413-421, Elsevier Trends Journals (1993)
	AT	51	Kim, S., and Landy, A., "Lambda Int Protein Bridges Between Higher Order Complexes at Two Distant Chromosomal Loci <i>attL</i> and <i>attR</i> ," <i>Science</i> 256:198-203, American Association for the Advancement of Science (1992)

EXAMINER	DATE CONSIDERED
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	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	52	Kim, D.W., "Use of the Human Elongation Factor 1a Promoter as a Versatile and Efficient Expression System," <i>Gene</i> 91:217-223, Elsevier Science (1990)
	AS	52	Kitts, P.A., and Nash, H.A., "Bacteriophage Lambda Site-Specific Recombination Proceeds with a Defined Order of Strand Exchanges," <i>J. Mol. Biol.</i> 204:95-107, Academic Press, Inc. (1988)
	AT	52	Klippel, A., <i>et al.</i> , "Isolation and characterization of unusual <i>gin</i> mutants," <i>The EMBO Journal</i> 7: 3983-3989, IRL Press Inc. (1988)

EXAMINER




DATE CONSIDERED

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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
	AR	53	Koch, C., <i>et al.</i> , "Escherichia coli host factor for site-specific DNA inversion: Cloning and characterization of the <i>fis</i> gene," <i>Proc. Natl. Acad. Sci. USA</i> 85:4237-4241, National Academy of Sciences (1988)
	AS	53	Kolb, A.F., and Siddell, S.G., "Genomic Targeting with an MBP-Cre Fusion Protein," <i>Gene</i> 183:53-60, Elsevier Science (December 1996)
	AT	53	Kouprina, N., <i>et al.</i> , "Rescue of Targeted Regions of Mammalian Chromosomes by in Vivo Recombination in Yeast," <i>Genome Res.</i> 8:666-672, Cold Spring Harbor Research Laboratory Press (1998)

EXAMINER	DATE CONSIDERED
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	AP						Yes
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
	AR	54	Kozak, M., "Comparison of initiation of protein synthesis in procaryotes, eucaryotes, and organelles," <i>Microbiol. Rev.</i> 47:1-45, American Society For Microbiology (1983)
	AS	54	Kozak, M., "An analysis of 5'-noncoding sequences from 699 vertebrate messenger RNAs," <i>Nucl. Acids Res.</i> 15:8125-8132, Oxford University Press (1987)
	AT	54	Kozak, M., "Structural features in eukaryotic mRNAs that modulate the initiation of translation," <i>J. Biol. Chem.</i> 266:19867-19870, American Society for Biochemistry and Molecular Biology (1991)

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U.S. PATENT DOCUMENTS

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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	55	Krafte, D.S., <i>et al.</i> , "Stable Expression and Functional Characterization of a Human Cardiac Na ⁺ Channel Gene in Mammalian Cells," <i>J. Mol. Cell. Cardiol.</i> 27:823-830, Academic Press Ltd. (1995)
	AS	55	Krautwald, S., and Baccarini, M., "Bacterially expressed murine CSF-1 possesses agonistic activity in its monomeric form." <i>Biochem. Biophys. Res. Commun.</i> 192: 720-727, Elsevier Science (1993)
	AT	55	Kuempel, P., <i>et al.</i> , "Use of a transposon (Tndif) to obtain suppressing and nonsuppressing insertions of the <i>dif</i> resolvase site of <i>Eschericia coli</i> ," <i>Genes & Development</i> 10:1162-1171, Cold Spring Harbor Laboratory Press (May 1, 1996)

EXAMINER

DATE CONSIDERED

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	AP						Yes
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
	AR	56	Kühn, R., <i>et al.</i> , "Inducible Gene Targeting in Mice," <i>Science</i> 269:1427-1429, American Association for the Advancement of Science (September 1995)
	AS	56	Lafontaine, D., and Tollervey, D., "One-step PCR Mediated Strategy for the Construction of Conditionally Expressed and Epitope Tagged Yeast Proteins," <i>Nucl. Acids Res.</i> 24:3469-3472, Oxford University Press (1996)
	AT	56	Lake, J.A., "Evolving Ribosome Structure: Domains in Archaeobacteria, Eubacteria, Eocytes and Eukaryotes," <i>Ann. Rev. Biochem.</i> 54:507-530, Annual Reviews, Inc. (1985)

EXAMINER	DATE CONSIDERED
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	AP						Yes
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	57	Lakso, M., <i>et al.</i> , "Targeted oncogene activation by site-specific recombination in transgenic mice," <i>Proc. Natl. Acad. Sci. USA</i> 89:6232-6236, National Academy of Sciences (1992)
	AS	57	Lander, E.S., "The new genomics: global views of biology," <i>Science</i> 274:536-539, American Association for the Advancement of Science (October 1996)
	AT	57	Landy, A., "Mechanistic and structural complexity in the site-specific recombination pathways of Int and FLP," <i>Curr. Opin. Genet. Dev.</i> 3:699-707, Current Biology (1993)

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

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	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	58	Landy, A., "Dynamic, Structural, and Regulatory Aspects of λ Site-Specific Recombination," <i>Annu. Rev. Biochem.</i> 58:913-949, Annual Reviews (1989)
	AS	58	Langeveld, S.A., <i>et al.</i> , "Expression of an <i>Escherichia coli phr</i> gene in the yeast <i>Saccharomyces cerevisiae</i> ," <i>Mol. Gen. Genet.</i> 199: 396-400, Springer-Verlag (1985)
	AT	58	Lebreton, B., <i>et al.</i> , "Mutations That Improve the Binding of Yeast FLP Recombinase to Its Substrate," <i>Genetics</i> 118:393-400, Genetics Society of America (1988)

EXAMINER




DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
	AR	52	Lee, E.C., <i>et al.</i> , "Genetic Analysis of <i>Escherichia coli</i> Integration Host Factor Interactions with Its Bacteriophage λ H' Recognition Site," <i>J. Bacteriol.</i> 173:609-617, American Society for Microbiology (1991)
	AS	52	Lee, G., and Saito, I., "Role of Nucleotide Sequences of <i>loxP</i> Spacer Region in Cre-mediated Recombination," <i>Gene</i> 216:55-65, Elsevier Science (1998)
	AT	52	Lee, M.H., <i>et al.</i> , "Site-specific integration of mycobacteriophage L5: Integration-proficient vectors for <i>Mycobacterium smegmatis</i> , <i>Mycobacterium tuberculosis</i> , and bacille Calmette-Guérin," <i>Proc. Natl. Acad. Sci. USA</i> 88:3111-3115, National Academy of Sciences (1991)




EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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	AN						Yes No
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	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
	AR	60	Lenski, R.E., <i>et al.</i> , "Genetic Analysis of a Plasmid-Encoded, Host Genotype-Specific Enhancement of Bacterial Fitness," <i>J. Bacteriol.</i> 176:3140-3147, American Society For Microbiology (1994)
	AS	60	Leong, J.M., <i>et al.</i> , "Generation of single base-pair deletions, insertions, and substitutions by a site-specific recombination system," <i>Proc. Natl. Acad. Sci. USA</i> 82:6990-6994, National Academy of Sciences (1985)
	AT	60	Leslie, N.R., and Sherratt, D.H., "Site-specific Recombination in the Replication Terminus Region of <i>Escherichia coli</i> : Functional Replacement of <i>dif</i> ," <i>EMBO J.</i> 14:1561-1570, Oxford University Press (April 1995)

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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U.S. PATENT DOCUMENTS

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	AN						Yes
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	AO						Yes
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	AP						Yes
							No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	61	Leung, L.L.K., "Application of Combinatorial Libraries and Protein Engineering to the Discovery of Novel Anti-Thrombotic Drugs," <i>Thromb. Haemost.</i> 74:373-376, F.K. Schattauer Verlagsgesellschaft mbH (1995)
	AS	61	Li, Z.W., <i>et al.</i> , "Generation of mice with a 200-kb amyloid precursor protein gene deletion by Cre recombinase-mediated site-specific recombination in embryonic stem cells. <i>Proc. Natl. Acad. Sci. USA</i> 93:6158-6162, National Academy of Sciences (1996)
	AT	61	Liu, Q., <i>et al.</i> , "The univector plasmid-fusion system, a method for rapid construction of recombinant DNA without restriction enzymes," <i>Curr. Biol.</i> 8:1300-1309, Cell Press (1998)

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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U.S. PATENT DOCUMENTS

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	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>62</u>	Lorbach, E., <i>et al.</i> , "Site-specific Recombination in Human Cells Catalyzed by Phage λ Integrase Mutants," <i>J. Mol. Biol.</i> 296:1175-1181, Academic Press (March 2000)
	AS	<u>62</u>	Lu, F., and Churchward, G., "Conjugative transposition: Tn916 integrase contains two independent DNA binding domains that recognize different DNA sequences," <i>EMBO J.</i> 13:1541-1548, Oxford University Press (April 1994)
	AT	<u>62</u>	Luckow, V.A., <i>et al.</i> , "Efficient Generation of Infectious Recombinant Baculoviruses by Site-Specific Transposon-Mediated Insertion of Foreign Genes into a Baculovirus Genome Propagated in <i>Escherichia coli</i> ," <i>J. Virol.</i> 67:4566-4579, American Society For Microbiology (1993)

EXAMINER




DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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	AO						Yes
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	AP						Yes
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
	AR	63	Mackie, G.A., "Nucleotide Sequence of the Gene for Ribosomal Protein S20 and Its Flanking Regions," <i>J. Biol. Chem.</i> 256:8177-8182, American Society for Biochemistry and Molecular Biology, Inc. (1981)
	AS	63	Madison, L.L., and Huisman, G.W., "Metabolic Engineering of Poly(3-Hydroxyalkanoates): From DNA to Plastic," <i>Microbiol. Mol. Biol. Reviews</i> 63:21-53, American Society for Microbiology (March 1999)
	AT	63	Maemura, K., <i>et al.</i> , "Generation of a Dominant-negative Mutant of Endothelial PAS Domain Protein 1 by Deletion of a Potent C-terminal Transactivation Domain," <i>J. Biol. Chem.</i> 274:31565-31570, The American Society for Biochemistry and Molecular Biology, Inc. (1999)

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
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	AO						Yes
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	AP						Yes
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	64	Maeser, S., and Kahmann, R., "The Gin recombinase of phage Mu can catalyse site-specific recombination in plant protoplasts," <i>Mol. Gen. Genet.</i> 230:170-176, Springer-Verlag (1991)
	AS	64	Mahillon, J., <i>et al.</i> , "IS231 and other <i>Bacillus thuringiensis</i> transposable elements: a review," <i>Genetica</i> 93:13-26, Kluwer Academic (November 1994)
	AT	64	Mahillon, J., <i>et al.</i> , "Subdivision of the <i>Escherichia coli</i> K-12 genome for sequencing: manipulation and DNA sequence of transposable elements introducing unique restriction sites," <i>Gene</i> 223:47-54, Elsevier Science B.V. (1998)

EXAMINER




DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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	AP						Yes
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
	AR	65	Malynn, B.A., <i>et al.</i> , "The <i>scid</i> Defect Affects the Final Step of the Immunoglobulin VDJ Recombinase Mechanism," <i>Cell</i> 54:453-460, Cell Press (1988)
	AS	65	Maniatis, T., <i>et al.</i> , "Regulation of Inducible and Tissue-specific Gene Expression," <i>Science</i> 236:1237-1245, American Association for the Advancement of Science (1987)
	AT	65	Manning, P.A., <i>et al.</i> , "Gene Capture in <i>Vibrio cholerae</i> ," <i>Trends in Microbiology</i> 7:93-95, Elsevier Science (1999)

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.	

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U.S. PATENT DOCUMENTS

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	AO						Yes
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	AP						Yes
							No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	66	Matsuzaki, H., <i>et al.</i> , "Chromosome Engineering in <i>Saccharomyces cerevisiae</i> by Using a Site-Specific Recombination System of a Yeast Plasmid," <i>J. Bacteriol.</i> 172:610-618, American Society for Microbiology (1990)
	AS	66	McCarthy, J.E., and Brimacombe, R., "Prokaryotic translation: the interactive pathway leading to initiation," <i>Trends Genet.</i> 10:402-407, Elsevier Trends Journals (November 1994)
	AT	66	Medberry, S.L., <i>et al.</i> , "Intra-chromosomal rearrangements generated by Cre-lox site-specific recombination," <i>Nucl. Acids Res.</i> 23:485-490, Oxford University Press (1995)

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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	AP						Yes
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	67	Mendiola, M.W., and de la Cruz, F., "Specificity of Insertion of IS91, an Insertion Sequence Present in α -haemolysis Plasmids of <i>Escherichia coli</i> ," <i>Mol. Microbiol.</i> 3:979-984, Blackwell Scientific Publications (1989)
	AS	67	Mercier, J., <i>et al.</i> , "Structural and Functional Characterization of <i>tnpI</i> , a Recombinase Locus in Tn21 and Related β -Lactamase Transposons," <i>J. Bacteriol.</i> 172:3745-3757, American Society for Microbiology (1990)
	AT	67	Metcalf, W.W., <i>et al.</i> , "Conditionally Replicative and Conjugative Plasmids Carrying <i>lacZa</i> for Cloning, Mutagenesis, and Allele Replacement in Bacteria," <i>Plasmid</i> 35:1-13, Academic Press, Inc. (January 1996)

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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U.S. PATENT DOCUMENTS

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	AO						Yes
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	AP						Yes
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	68	Mette, M.F., <i>et al.</i> , "Transcriptional silencing and promoter methylation triggered by double-stranded RNA," <i>EMBO J.</i> 19:5194-5201, European Molecular Biology Organization (October 2000)
	AS	68	Meyer-Leon, L., <i>et al.</i> , "Purification of the FLP Site-specific Recombinase by Affinity Chromatography and Re-examination of Basic Properties of the System," <i>Nucl. Acids Res.</i> 15:6469-6488, IRL Press Limited (1987)
	AT	68	Miki, T., <i>et al.</i> , "Control of segregation of chromosomal DNA by sex factor F in Escherichia coli. Mutants of DNA gyrase subunit A suppress letD (ccdB) product growth inhibition," <i>J. Mol. Biol.</i> 225:39-52, Academic Press (1992)

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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U.S. PATENT DOCUMENTS

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	AO						Yes
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	AP						Yes
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	69	Miller, H.L., <i>et al.</i> , "int-h: an <i>int</i> Mutation of Phage λ That Enhances Site-Specific Recombination," <i>Cell</i> 20: 721-729, Cell Press (1980)
	AS	69	Mizushima, S., and Nagat, S., "pEF-BOS, a Powerful Mammalian Expression Vector," <i>Nucl. Acids Res.</i> 18:5322, Oxford University Press (1990)
	AT	69	Mizuuchi, K., and Mizuuchi, M., "Integrative Recombination of Bacteriophage λ : In Vitro Study of the Intermolecular Reaction," <i>Cold Spring Harb. Symp. Quant. Biol.</i> 43:1111-1114, Cold Spring Harbor Laboratory Press (1979)

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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							No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	70	Mizuuchi, M., and Mizuuchi, K., "The extent of DNA sequence required for a functional bacterial attachment site of phage lambda," <i>Nucl. Acids Res.</i> 13:1193-1208, Oxford University Press (1985)
	AS	70	Mozo, T., and Hooykaas, P.J.J., "Design of a novel system for the construction of vectors for Agrobacterium-mediated plant transformation," <i>Mol. Gen. Genet</i> 236:1-7, Springer-Verlag (1992)
	AT	70	Mullins, L.J., <i>et al.</i> , "Efficient Cre-lox linearisation of BACs: applications to physical mapping and generation of transgenic animals," <i>Nucl. Acids Res.</i> 25:2539-2540, Oxford University Press (1997)

EXAMINER

DATE CONSIDERED

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FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	71	Murayama, N., <i>et al.</i> "Evidence for Involvement of Escherichia coli Genes pmbA, csrA and a Previously unrecognized Gene tldD, in the Control of DNA Gyrase by letD (ccdB) of Sex Factor F," <i>J. Mol. Biol.</i> 256:483-502, Academic Press Limited (March 1, 1996)
	AS	71	Nagaraja, R., and Weisberg, R.A., "Specificity Determinants in the Attachment Sites of Bacteriophages HK022 and λ ," <i>J. Bacteriol.</i> 172:6540-6550, American Society for Microbiology (1990)
	AT	71	Nagy, A., "Cre Recombinase: The Universal Reagent for Genome Tailoring," <i>Genesis</i> 26:99-109, Wiley-Liss (2000)

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	72	Nash, H.A., "Integrative Recombination of Bacteriophage Lambda DNA <i>In Vitro</i> ," <i>Proc. Natl. Acad. Sci. USA</i> 72:1072-1076, National Academy of Sciences (1975)
	AS	72	Nash, H.A., "Bending and supercoiling of DNA at the attachment site of bacteriophage lambda," <i>Trends Biochem. Sci</i> 15:222-227, Elsevier Trends Journals (1990)
	AT	72	Nash, H.A., "Purification and Properties of the Bacteriophage Lambda Int Protein," <i>Meth. Enzymol.</i> 100:210-216, Academic Press (1983)

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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U.S. PATENT DOCUMENTS

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	AO						Yes
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	AP						Yes
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	73	Nash, H.A., and Robertson, C.A., "Heteroduplex substrates for bacteriophage lambda site-specific recombination: cleavage and strand transfer products," <i>EMBO J.</i> 8:3523-3533, Oxford University Press (1989)
	AS	73	Nash, H.A., <i>et al.</i> , "Role of homology in site-specific recombination of bacteriophage λ : Evidence against joining of cohesive ends," <i>Proc. Natl. Acad. Sci. USA</i> 84:4049-4053, National Academy of Sciences (1987)
	AT	73	Nash, H.A., and Robertson, C.A., "Purification and properties of the <i>Escherichia coli</i> protein factor required for lambda integrative recombination," <i>J. Biol. Chem.</i> 256:9246-9253, American Society for Biochemistry and Molecular Biology (1981)

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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U.S. PATENT DOCUMENTS

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	AP						Yes
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	74	Nomura, M., <i>et al.</i> , "Regulation of the Synthesis of Ribosomes and Ribosomal Components," <i>Ann. Rev. Biochem.</i> 53:75-117, Annual Reviews, Inc. (1984)
	AS	74	Numrych, T.E., <i>et al.</i> , "A comparison of the effects of single-base and triple-base changes in the integrase arm-type binding sites on the site-specific recombination of bacteriophage lambda," <i>Nucl. Acids Res.</i> 18:3953-3959, Oxford University Press (1990)
	AT	74	Numrych, T.E., <i>et al.</i> , "Characterization of the bacteriophage lambda excisionase (Xis) protein: the C-terminus is required for Xis—integrase cooperativity but not for DNA binding," <i>EMBO J.</i> 11:3797-3806, Oxford University Press (1992)

EXAMINER

DATE CONSIDERED

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U.S. PATENT DOCUMENTS

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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	75	Nunes-Duby, S.E., <i>et al.</i> , "Similarities and differences among 105 members of the Int family of site-specific recombinases," <i>Nucl. Acids Res.</i> 26:391-406, Oxford University Press (1998)
	AS	75	Nunes-Duby, S.E., <i>et al.</i> , "Half-att Site Substrates Reveal the Homology Independence and Minimal Protein Requirements for Productive Synapsis in λ Excisive Recombination," <i>Cell</i> 59:197-206, Cell Press (1989)
	AT	75	Oberto, J., <i>et al.</i> , "A segment of the phage HK022 chromosome is a mosaic of other lambdoid chromosomes," <i>Nucl. Acids Res.</i> 22:354-356, Oxford University Press (February 1994)

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	76	Odell, J.T., <i>et al.</i> , "Seed-specific Gene Activation Mediated by the <i>Creflox</i> Site Specific Recombination System," <i>Plant Physiol.</i> 106:447-458, American Society of Plant Physiologists (October 1994)
	AS	76	O'Gara, J.P., <i>et al.</i> , "Identification and Molecular Genetic Analysis of Multiple Loci Contributing to High-Level Tellurite Resistance in <i>Rhodobacter sphaeroides</i> 2.4.1," <i>Appl. Environ. Microbiol.</i> 63:4713-4720, American Society for Microbiology (1997)
	AT	76	Ohara, O., and Temple, G., "Directional cDNA library construction assisted by the <i>in vitro</i> recombination reaction," <i>Nucl. Acids Research</i> 29:e22(1-8), Oxford University Press (2001)

EXAMINER

DATE CONSIDERED

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	AP						Yes
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	II	Okayama, H., and Berg, P., "Bacteriophage Lambda Vector for Transducing a cDNA Clone Library into Mammalian Cells," <i>Mol. Cell. Biol.</i> 5:1136-1142, American Society for Microbiology (1985)
	AS	II	Oliner, J.D., <i>et al.</i> , "In vivo cloning of PCR products in <i>E. coli</i> ," <i>Nucl. Acids Res.</i> 21:5192-5197, Oxford University Press (1993)
	AT	II	Orban, P.C., <i>et al.</i> , "Tissue- and site-specific DNA recombination in transgenic mice," <i>Proc. Natl. Acad. Sci. USA</i> 89:6861-6865, National Academy of Sciences (1992)

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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U.S. PATENT DOCUMENTS

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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	78	Osborne, B.I., <i>et al.</i> , "A system for insertional mutagenesis and chromosomal rearrangement using the Ds transposon and Cre-lox," <i>Plant J.</i> 7:687-701, Blackwell Scientific Publishers (1995)
	AS	78	Osuna, R., <i>et al.</i> , "Identification of two functional regions in Fis: the N-terminus is required to promote Hin-mediated DNA inversion by not I excision," <i>EMBO J.</i> 10:1593-1603, Oxford University Press (1991)
	AT	78	Padgett, K.A., and Sorge, J.A., "Creating seamless junctions independent of restriction sites in PCR cloning," <i>Gene</i> 168:31-35, Elsevier Science (February 1996)

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	79	Pal, S.K., <i>et al.</i> , "P1 Plasmid Replication. Role of Initiator Titration in Copy Number Control," <i>J. Mol. Biol.</i> 192:275-285, Academic Press Inc. (1986)
	AS	72	Palazzolo, M.J., <i>et al.</i> , "Phage lambda cDNA cloning vectors for subtractive hybridization, fusion-protein synthesis and Cre-loxP automatic plasmid subcloning," <i>Gene</i> 88:25-36, Elsevier Science (1990)
	AT	72	Pan, G., <i>et al.</i> , "Ligation of Synthetic Activated DNA Substrates by Site-specific Recombinases and Topoisomerase I," <i>J. Biol. Chem.</i> 268:3683-3689, American Society for Biochemistry and Molecular Biology (1993)

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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U.S. PATENT DOCUMENTS

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	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	80	Panke, S., <i>et al.</i> , "Engineering of Quasi-Natural <i>Pseudomonas putida</i> Strains for Toluene Metabolism through an <i>ortho</i> -Cleavage Degradation Pathway," <i>Appl. Environ. Microbiol.</i> 64:748-751, American Society for Microbiology (1998)
	AS	80	Parks, R.J., and Graham, F.L., "A Helper-Dependent System for Adenovirus Vector Production Helps Define a Lower Limit for Efficient DNA Packaging," <i>J. Virol.</i> 71:3293-3298, American Society For Microbiology (1997)
	AT	80	Patel, P.H., and Loeb, L.A., "DNA polymerase active site is highly mutable: Evolutionary consequences," <i>Proc. Natl. Acad. Sci. USA</i> 97:5095-5100, National Academy of Sciences (May 2000)

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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	AO						Yes
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	AP						Yes
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	81	Peakman, T. C., <i>et al.</i> , "Highly efficient generation of recombinant baculoviruses by enzymatically mediated site-specific <i>in vitro</i> recombination," <i>Nucl. Acids Res.</i> 20:495-500, Oxford University Press (1992)
	AS	81	Peredelchuk, M.Y., and Bennett, G.N., "A method for construction of <i>E. coli</i> strains with multiple DNA insertions in the chromosome," <i>Gene</i> 187:231-238, Elsevier Science (1997)
	AT	81	Perler, F.B., "InBase, the New England Biolabs Intein Database," <i>Nucl. Acids Res.</i> 27:346-347, Oxford University Press (January 1999)

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449




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	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	82	Persson, M.A.A., "Combinatorial Libraries," <i>Intern. Rev. Immunol.</i> 10:153-63, Harwood Academic Publishers GmbH (1993)
	AS	82	Phillips-Jones, M.K., <i>et al.</i> , "Context Effects on Misreading and Suppression at UAG Codons in Human Cells," <i>Mol. Cell. Biol.</i> 15:6593-6600, American Society for Microbiology (1995)
	AT	82	Pichel, J.G., <i>et al.</i> , "Timing of SV40 oncogene activation by site-specific recombination determines subsequent tumor progression during murine lens development," <i>Gene</i> 8:3333-3342, Elsevier Science (1993)

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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U.S. PATENT DOCUMENTS

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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	83	Pierce, J.C., <i>et al.</i> , "A positive selection vector for cloning high molecular weight DNA by the bacteriophage P1 system: Improved cloning efficacy," <i>Proc. Natl. Acad. Sci. USA</i> 89:2056-2060, National Academy of Sciences (1992)
	AS	83	Podhajska, A.J., <i>et al.</i> , "Control of cloned gene expression by promoter inversion in vivo: construction of the heat-pulse-activated <i>att-nutL-p-att-N</i> module," <i>Gene</i> 40:163-168, Elsevier Science (1985)
	AT	83	Pósfai, G., <i>et al.</i> , "In vivo excision and amplification of large segments of the <i>Escherichia coli</i> genome," <i>Nucl. Acids Res.</i> 22:2392-2398, Oxford University Press (June 1994)

EXAMINER




DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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	AO						Yes
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	AP						Yes
							No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
	AR	84	Powell, J., "Enhanced concatemer cloning-a modification to the SAGE (Serial Analysis of Gene Expression) technique," <i>Nucl. Acids Res.</i> 26:3445-3446, Oxford University Press (1998)
	AS	84	Prasad, P.V., <i>et al.</i> , "Substrate Recognition by the 2µm Circle Site-Specific Recombinase: Effect of Mutations within the Symmetry Elements of the Minimal Substrate," <i>Mol. Cell. Biol.</i> 6:4329-4334, American Society for Microbiology (1986)
	AT	84	Prieto, M.A., <i>et al.</i> , "Molecular Characterization of the 4-Hydroxyphenylacetate Catabolic Pathway of <i>Escherichia coli</i> W: Engineering a Mobile Aromatic Degradative Cluster," <i>J. Bacteriol.</i> 178:111-120, American Society for Microbiology (1996)

EXAMINER	DATE CONSIDERED
<small>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.</small>	

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U.S. PATENT DOCUMENTS

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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	85	Qian, X., <i>et al.</i> , "Reactions between Half- and Full-FLP Recombination Target Sites: A Model System for Analyzing Early Steps in FLP Protein-Mediated Site-Specific Recombination," <i>J. Biol. Chem</i> 267:7794-7805, American Society for Biochemistry and Molecular Biology (1992)
	AS	85	Qin, M., <i>et al.</i> , "Cre recombinase-mediated site-specific recombination between plant chromosomes," <i>Proc. Natl. Acad. Sci. USA</i> 91:1706-1710, National Academy of Sciences (1994)
	AT	85	Qin, M., <i>et al.</i> , "Site-specific Cleavage of Chromosomes <i>in vitro</i> Through Cre-lox Recombination," <i>Nucl. Acids Res.</i> 23:1923-1927, Oxford University Press (June 1995)

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449

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U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

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	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	86	Reed, R.R., and Grindley, N.D., "Transposon-Mediated Site-Specific Recombination in Vitro: DNA Cleavage and Protein-DNA Linkage at the Recombination Site," <i>Cell</i> 25:721-728, Cell Press (1981)
	AS	86	Reed, R.R., "Transposon-Mediated Site-Specific Recombination: A Defined in Vitro System," <i>Cell</i> 25:713-719, Cell Press (1981)
	AT	86	Richet, E., <i>et al.</i> , "Synopsis of Attachment Sites during Lambda Integrative Recombination Involves Capture of a Naked DNA by a Protein-DNA Complex," <i>Cell</i> 52:9-17, Cell Press (1988)

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449

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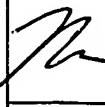

U.S. PATENT DOCUMENTS

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	AO						Yes
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	AP						Yes
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	82	Richet, E., <i>et al.</i> , "The Interaction of Recombination Proteins with Supercoiled DNA: Defining the Role of Supercoiling in Lambda Integrative Recombination," <i>Cell</i> 46:1011-1021, Cell Press (1986)
	AS	82	Ross, W., and Landy, A., "Patterns of λ Int Recognition in the Regions of Strand Exchange," <i>Cell</i> 33:261-272, Cell Press (1983)
	AT	82	Russell, M., "A recombination-based cloning system that decreases time to protein analysis," <i>Am. Biotechnol. Lab.</i> 18:8,10, International Scientific Communications, Inc. (June 2000)

EXAMINER

DATE CONSIDERED

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FORM PTO-1449




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	AO						Yes
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	88	Sadowski, P.D., "The Flp recombinase of the 2-microns plasmid of <i>Saccharomyces cerevisiae</i> ," <i>Prog. Nucl. Acid Res. Mol. Biol.</i> 51:53-91, Academic Press (1995)
	AS	88	Sadowski, P., "Site-Specific Recombinases: Changing Partners and Doing the Twist," <i>J. Bacteriol.</i> 165:341-347, American Society for Microbiology (1986)
	AT	88	Sambrook, J., <i>et al.</i> , <i>Molecular Cloning: A Laboratory Manual</i> , 2nd ed., Cold Spring Harbor Laboratory Press, NY, pp. 16.6-16.8 (1989)

EXAMINER

DATE CONSIDERED

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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	89	Sandhu, J.S., "Protein Engineering of Antibodies," <i>Crit. Rev. Biotechnol.</i> 12:437-462, CRC Press, Inc. (1992)
	AS	89	Sato, T., <i>et al.</i> , "The <i>cisA</i> Cistron of <i>Bacillus subtilis</i> Sporulation Gene <i>spoIVC</i> Encodes a Protein Homologous to a Site-Specific Recombinase," <i>J. Bacteriol.</i> 172:1092-1098, American Society for Microbiology (1990)
	AT	89	Sauer, B., "Functional Expression of the <i>cre-lox</i> Site-Specific Recombination System in the Yeast <i>Saccharomyces cerevisiae</i> ," <i>Mol. Cell. Biol.</i> 7:2087-2096, American Society for Microbiology (1987)

EXAMINER

DATE CONSIDERED

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	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	90	Sauer, B., <i>et al.</i> , "Construction of Isogenic Cell Lines Expressing Human and Rat Angiotensin II AT1 Receptors by Cre-Mediated Site-Specific Recombination," <i>Methods</i> 4:143-149, Academic Press (1992)
	AS	90	Sauer, B., and Henderson, N., "Site-specific DNA recombination in mammalian cells by the Cre recombinase of bacteriophage P1," <i>Proc. Natl. Acad. Sci. USA</i> 85: 5166-5170, National Academy of Sciences (1988)
	AT	90	Sauer, B., "Expression and Functioning in Yeast of a Bacterial Site Specific Recombination System," <i>J. Cell. Bio. Chem. Supp.</i> 10(b): 242 (1340), Alan R. Liss, Inc. (1986)

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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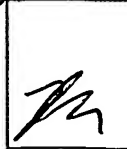

U.S. PATENT DOCUMENTS

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	AO						Yes
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	AP						Yes
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	21	Sauer, B., and Henderson, N., "Cre-stimulated recombination at <i>loxP</i> -containing DNA sequences placed into the mammalian genome," <i>Nucl. Acids Res.</i> 17:147-161, Oxford University Press (1989)
	AS	21	Sauer, B., "Manipulation of Transgenes by Site-Specific Recombination: Use of Cre Recombinase," <i>Meth. Enzymol.</i> 225:890-900, Academic Press (1993)
	AT	21	Sauer, B., "Site-specific recombination: developments and applications," <i>Curr. Opin. Biotechnol.</i> 5:521-527, Current Biology (October 1994)

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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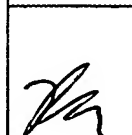

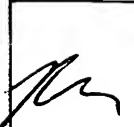
U.S. PATENT DOCUMENTS

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	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	22	Sauer, B., <i>et al.</i> , "Site-specific insertion of DNA into a pseudorabies virus vector," <i>Proc. Natl. Acad. Sci. USA</i> 84:9108-9112, National Academy of Sciences (1987)
	AS	22	Sauer, B., and Henderson, N., "The cyclization of linear DNA in <i>Escherichia coli</i> by site-specific recombination," <i>Gene</i> 70:331-341, Elsevier Science (1988)
	AT	22	Sauer, B., "Inducible gene targeting in mice using the Cre/lox system," <i>Methods</i> 14:381-392, Academic Press (April 1998)

EXAMINER

DATE CONSIDERED

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	AO						Yes
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	AP						Yes
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	23	Sauer, B., "Multiplex Cre/lox recombination permits selective site-specific DNA targeting to both a natural and an engineered site in the yeast genome," <i>Nucl. Acids Res.</i> 24:4608-4613, Oxford University Press (1996)
	AS	23	Schild, D., <i>et al.</i> , "Cloning of Three Human Multifunction <i>de novo</i> Purine Biosynthetic Genes by Functional Complementation of Yeast Mutations," <i>Proc. Natl. Acad. Sci. USA</i> 87:2916-2920, National Academy of Sciences (1990)
	AT	23	Schindelhauer, D., and Cooke, H.J., "Efficient combination of large DNA <i>in vitro</i> : in gel site specific recombination (IGSSR) of PAC fragments containing a satellite DNA and the human HPRT gene locus," <i>Nucl. Acids Res.</i> 25:2241-2243, Oxford University Press (1997)

EXAMINER

DATE CONSIDERED

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U.S. PATENT DOCUMENTS

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	AO						Yes
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	AP						Yes
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	24	Schlake, T., and Bode, J., "Use of Mutated FLP Recognition Target (FRT) Sites for the Exchange of Expression Cassettes at Defined Chromosomal Loci," <i>Biochemistry</i> 33:12746-12751, American Chemical Society (November 1994)
	AS	24	Schnepf, E., <i>et al.</i> , " <i>Bacillus thuringiensis</i> and Its Pesticidal Crystal Proteins," <i>Microbiol. Mol. Biol. Rev.</i> 62:775-806, American Society for Microbiology (1998)
	AT	24	Scott, S.D., and Marples, B., "Comment on the use of the <i>cre/loxP</i> recombinase system for gene therapy vectors," <i>Gene Therapy</i> 7:1706, Macmillan Publishers Ltd. (2000)

EXAMINER

DATE CONSIDERED

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	AP						Yes
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	25	Segall, A.M., <i>et al.</i> , "Architectural Elements in Nucleoprotein Complexes: Interchangeability of Specific and Non-specific DNA Binding Proteins," <i>EMBO J.</i> 13:4536-4548, Oxford University Press (1994)
	AS	25	Segall, A.M., and Nash, H.A., "Architectural flexibility in lambda site-specific recombination: three alternate conformations channel the <i>attL</i> site into three distinct pathways," <i>Genes Cells</i> 1:453-463, Blackwell Science Ltd. (1996)
	AT	25	Segall, A.M., and Nash, H.A., "Synaptic intermediates in bacteriophage lambda site-specific recombination: integrase can align pairs of attachment sites," <i>EMBO J.</i> 12:4567-4576, Oxford University Press (1993)

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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	AP						Yes
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	26	Senecoff, J.F., <i>et al.</i> , "DNA Recognition by the FLP Recombinase of the Yeast 2 μ Plasmid - A Mutational Analysis of the FLP Binding Site," <i>J. Mol. Biol.</i> 201:405-421, Academic Press (1988)
	AS	26	Sheffield, P., <i>et al.</i> , "Overcoming expression and purification problems of RhoGDI using a family of "parallel" expression vectors," <i>Protein Expr. Purif.</i> 15:34-39, Academic Press (1999)
	AT	26	Shim, J., <i>et al.</i> , "Distinct and Redundant Functions of μ 1 Medium Chains of the AP-1 Clathrin-Associated Protein Complex in the Nematode <i>Caenorhabditis elegans</i> ," <i>Mol. Biol. Cell</i> 11:2743-2756, American Society for Biology (August 2000)

EXAMINER

DATE CONSIDERED

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	AO						Yes No
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	97	Shuman, S., "Recombination mediated by vaccinia virus DNA topoisomerase I in <i>Escherichia coli</i> is sequence specific," <i>Proc. Natl. Acad. Sci. USA</i> 88:10104-10108, National Academy of Sciences (1991)
	AS	97	Shuman, S., "Novel Approach to Molecular Cloning and Polynucleotide Synthesis Using Vaccinia DNA Topoisomerase," <i>J. Biol. Chem.</i> 269:32678-32684, American Society for Biochemistry and Molecular Biology, Inc. (1994)
	AT	97	Simpson, J.C., <i>et al.</i> , "Systematic Subcellular Localization of Novel Proteins Identified by Large-scale cDNA Sequencing," <i>EMBO Rep.</i> 1:287-292, Oxford University Press (September 2000)

EXAMINER

DATE CONSIDERED

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	AO						Yes
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	AP						Yes
							No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	98	Sinclair, B., "Honing Your Cloning," <i>The Scientist</i> 14:29-32, The Scientist Inc. (August 21, 2000) available at: http://www.the-scientist.com/yr2000/aug/profile1_000821.html
	AS	98	Sizemore, C., <i>et al.</i> , "Quantitative analysis of Tn10 Tet repressor binding to a complete set of <i>tet</i> operator mutants," <i>Nucl. Acids Res.</i> 18:2875-2880, Oxford University Press (1990)
	AT	98	Skrally, F.A., <i>et al.</i> , "Construction and Characterization of a 1,3-Propanediol Operon," <i>Appl. Environ. Microbiol.</i> 64:98-105, American Society for Microbiology (1998)

EXAMINER

DATE CONSIDERED

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	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	99	Smith, A.J.H., <i>et al.</i> , "A site-directed chromosomal translocation induced in embryonic stem cells by Cre-loxP recombination," <i>Nat. Genet.</i> 9:376-385, Nature Pub. Co. (April 1995)
	AS	99	Snaith, M.R., <i>et al.</i> , "Multiple cloning sites carrying loxP and FRT recognition sites for the Cre and Flp site-specific recombinases," <i>Gene</i> 166:173-174, Elsevier Science (December 1, 1995)
	AT	22	Spengler, S.J., <i>et al.</i> , "The Stereostructure of Knots and Catenanes Produced by Phage λ Integrative Recombination: Implications for Mechanism and DNA Structure," <i>Cell</i> 42:325-334, Cell Press (1985)

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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U.S. PATENT DOCUMENTS

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	AP						Yes
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>100</u>	Spinella, D.G., <i>et al.</i> , "Tandem arrayed ligation of expressed sequence tags (TALEST): a new method for generating global gene expression profiles," <i>Nucl. Acids Res.</i> 27(e22):i-viii, Oxford University Press (1999)
	AS	<u>100</u>	Stark, W. M., <i>et al.</i> , "Site-specific Recombination by TN3 Resolvase: Topological Changes in the Forward and Reverse Reactions," <i>Cell</i> 58:779-790, Cell Press (1989)
	AT	<u>100</u>	Stassi, D.L., <i>et al.</i> , "Ethyl-substituted erythromycin derivatives produced by directed metabolic engineering," <i>Proc. Natl. Acad. Sci. USA</i> 95:7305-7309, National Academy of Sciences of the USA (1998)

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449

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	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	101	Stellwagen, A.E., and Craig, N.L., "Mobile DNA elements: controlling transposition with ATP-dependent molecular switches," <i>Trends Biochem. Sci.</i> 23:486-490, Elsevier Science Publishers (1998)
	AS	101	Stenzel, T. T., <i>et al.</i> , "The Integration Host Factor of <i>Escherichia coli</i> Binds to Bent DNA at the Origin of Replication of the Plasmid pSC01," <i>Cell</i> 49:709-717, Cell Press (1987)
	AT	101	Sternberg, N., "Bacteriophage P1 cloning system for the isolation, amplification, and recovery of DNA fragments as large as 100 kilobase pairs," <i>Proc. Natl. Acad. Sci. USA</i> 87:103-107, National Academy of Sciences (1990)

EXAMINER

DATE CONSIDERED

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	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	102	Sternberg, N., <i>et al.</i> , "Bacteriophage P1 <i>cre</i> Gene and its Regulatory Region," <i>J. Mol. Biol.</i> 187:197-212, Academic Press (1986)
	AS	102	Sternberg, N., <i>et al.</i> , "Site-specific Recombination and Its Role in the Life Cycle of Bacteriophage P1," <i>Cold Spring Harbor Symp. Quant. Biol.</i> 45:297-309, Cold Spring Harbor Laboratory Press (1981)
	AT	102	Storck, T., <i>et al.</i> , "Rapid construction in yeast of complex targeting vectors for gene manipulation in the mouse," <i>Nucl. Acids Res.</i> 24:4594-4596, Oxford University Press (1996)

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	103	Strathmann, M., <i>et al.</i> , "Transposon-facilitated DNA sequencing," <i>Proc. Natl. Acad. Sci. USA</i> 88:1247-1250, National Academy of Sciences (1991)
	AS	103	Stryer, L., <i>Biochemistry</i> , 2nd ed., W.H. Freeman and Co., San Francisco, CA, p. 610 (1981)
	AT	103	Stuurman, J., <i>et al.</i> , "Single-site manipulation of tomato chromosomes <i>in vitro</i> and <i>in vivo</i> using Cre-lox site-specific recombination," <i>Plant Molecular Biology</i> 32:901-913, Kluwer Academic Publishers (1996)

EXAMINER

DATE CONSIDERED

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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	104	Sugiura, S., <i>et al.</i> , "Minimal Essential Origin of Plasmid pSC101 Replication: Requirement of a Region Downstream of Iterons," <i>J. Bacteriol.</i> 175:5993-6001, American Society for Microbiology (1993)
	AS	104	Thompson, J.F., <i>et al.</i> , "Helical-repeat dependence of integrative recombination of bacteriophage λ : Role of the <i>P1</i> and <i>H1</i> protein binding sites," <i>Proc. Natl. Acad. Sci. USA</i> 85:6323-6327, National Academy of Sciences (1988)
	AT	104	Thompson, J.F., <i>et al.</i> , "Mutations in an Integration Host Factor-Binding Site: Effect on Lambda Site-Specific Recombination and Regulatory Implications," <i>J. Bacteriol.</i> 168:1343-1351, American Society For Microbiology (1986)

EXAMINER

DATE CONSIDERED

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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>105</u>	Thorpe, H.M., and Smith, M.C.M., "In vitro site-specific integration of bacteriophage DNA catalyzed by a recombinase of the resolvase/invertase family," <i>Proc. Natl. Acad. Sci. USA</i> 95:5505-5510, National Academy of Sciences (May 1998)
	AS	<u>105</u>	Tsurushita, N., <i>et al.</i> , "Phage display vectors for in vivo recombination of immunoglobulin heavy and light chain genes to make large combinatorial libraries," <i>Gene</i> 172:59-63, Elsevier Science (1996)
	AT	<u>105</u>	Uetsuki, T., <i>et al.</i> , "Isolation and Characterization of the Human Chromosomal Gene for Polypeptide Chain Elongation Factor-1a," <i>J. Biol. Chem.</i> 264:5791-5798, The American Society for Biochemistry and Molecular Biology, Inc. (1989)

EXAMINER

DATE CONSIDERED

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	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	106	van den Berg, A., <i>et al.</i> , "Serial analysis of gene expression: rapid RT-PCR analysis of unknown SAGE tags," <i>Nucl. Acid Res.</i> 27(e17):i-iii, Oxford University Press (1999)
	AS	106	Vanin, E.F., <i>et al.</i> , "Development of High-Titer Retroviral Producer Cell Lines by Using Cre-Mediated Recombination," <i>J. Virol.</i> 71:7820-7826, American Society For Microbiology (1997)
	AT	106	Venkatesh, T.V., and Radding, C.M., "Ribosomal Protein S1 and NusA Protein Complexed to Recombination protein b of Phage l," <i>J. Bacteriol.</i> 175:1844-1846, American Society of Microbiology (1993)

EXAMINER

DATE CONSIDERED

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	AN						Yes
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	AO						Yes
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	AP						Yes
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	107	Vetter, D., <i>et al.</i> , "Site-specific recombination of yeast 2- μ m DNA <i>in vitro</i> ," <i>Proc. Natl. Acad. Sci. USA</i> 80: 7284-7288, National Academy of Sciences (1983)
	AS	107	Voss, S.D., <i>et al.</i> , "The Role of Enhancers in the Regulation of Cell-type-specific Transcriptional Control," <i>Trends Biochem. Sci.</i> 11:287-289, Elsevier Science (1986)
	AT	107	Voziyanov, Y., <i>et al.</i> , "A general model for site-specific recombination by the integrase family recombinases," <i>Nucl. Acids Res.</i> 27:930-941, Oxford University Press (1999)

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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	AM						Yes No
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>108</u>	Wang, G., <i>et al.</i> , "pDUAL: A transposon-based cosmid cloning vector for generating nested deletions and DNA sequencing templates <i>in vivo</i> ," <i>Proc. Natl. Acad. Sci. USA</i> 90:7874-7878, National Academy of Sciences (1993)
	AS	<u>108</u>	Wasserman, S.A., <i>et al.</i> , "The helical repeat of double-stranded DNA varies as a function of catenation and supercoiling," <i>Nature</i> 334:448-450, Nature Pub. Co. (1988)
	AT	<u>108</u>	Waterhouse, P., <i>et al.</i> , "Combinatorial infection and <i>in vivo</i> recombination: a strategy for making large phage antibody repertoires," <i>Nucl. Acids Res.</i> 21:2265-2266, Oxford University Press (1993)

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	109	Weisberg, R.A., and Landy, A., "Site-specific Recombination in Phage Lambda," in <i>Lambda II</i> , Hendrix, R.W., <i>et al.</i> , eds., Cold Spring Harbor Laboratory Press, Cold Spring Harbor, NY, pp. 211-250 (1983)
	AS	109	Wierzbicki, A., <i>et al.</i> , "A Mutational Analysis of the Bacteriophage P1 Recombinase Cre," <i>J. Mol. Biol.</i> 195:785-794, Academic Press (1987)
	AT	109	Wild, J., <i>et al.</i> , "A broad-host-range <i>in vivo</i> pop-out and amplification system for generating large quantities of 50- to 100-kb genomic fragments for direct DNA sequencing," <i>Gene</i> 179:181-188, Elsevier Science (1996)

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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U.S. PATENT DOCUMENTS

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	AP						Yes
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	110	Wild, J., <i>et al.</i> , "Targeting and retrofitting pre-existing libraries of transposon insertions with <i>FRT</i> and <i>oriV</i> elements for in-vivo generation of large quantities of any genomic fragment," <i>Gene</i> 223:55-66, Elsevier Science (1998)
	AS	110	Winoto, A., <i>et al.</i> , "Directional Control of Site-specific Recombination by Bacteriophage λ ," <i>J. Mol. Biol.</i> 192:677-680, Academic Press (1986)
	AT	110	Wittmann, H.G., "Components of Bacterial Ribosomes," <i>Ann. Rev. Biochem.</i> 51:155-183, Annual Reviews, Inc. (1982)

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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U.S. PATENT DOCUMENTS

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	AP						Yes
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	111	Wittmann, H.G., "Architecture of Prokaryotic Ribosomes," <i>Ann. Rev. Biochem.</i> 52:35-65, Annual Reviews, Inc. (1983)
	AS	111	Yang, W., and Mizuuchi, K., "Site-specific recombination in plane view," <i>Structure</i> 5:1401-1406, Cell Press (1997)
	AT	111	Yanisch-Perron, C., <i>et al.</i> , "Improved M13 phage cloning vectors and host strains: nucleotide sequences of the M13mp18 and pUC19 vectors," <i>Gene</i> 33:103-119, Elsevier Science (1985)

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	112	Yoon, Y.G., <i>et al.</i> , "Cre/loxP-mediated in vivo excision of large segments from yeast genome and their amplification based on the 2 μ m plasmid-derived system," <i>Gene</i> 223:67-76, Elsevier Science (1998)
	AS	112	Yoon, H., <i>et al.</i> , "SSL1, a Suppressor for a HIS4 5'-UTR Stem-loop Mutation, is Essential for Translation Initiation and Affects UV Resistance in Yeast," <i>Genes Dev.</i> 6:2463-2477, Cold Spring Harbor Laboratory Press (1992)
	AT	112	York, D., <i>et al.</i> , "Simple and efficient generation <i>in vitro</i> of nested deletions and inversions: Tn5 intramolecular transposition," <i>Nucl. Acids Res.</i> 26:1927-1933, Oxford University Press (1998)

EXAMINER

DATE CONSIDERED

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	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	113	Zahra, D.G., <i>et al.</i> , "Selectable in-vivo Recombination to Increase Antibody Library Size-an Improved Phage Display Vector System," <i>Gene</i> 227:49-54, Elsevier Science (1994)
	AS	113	Zechiedrich, E.L., <i>et al.</i> , "Topoisomerase IV, not gyrase, decatenates products of site-specific recombination in <i>Escherichia coli</i> ," <i>Genes Dev.</i> 11:2580-2592, Cold Spring Harbor Laboratory Press (1997)
	AT	113	Zhang, Y., <i>et al.</i> , "A new logic for DNA engineering using recombination in <i>Escherichia coli</i> ," <i>Nat. Genet.</i> 20:123-128, Nature Pub. Co. (1998)

EXAMINER

DATE CONSIDERED

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0942.5500001/RWE/FRCAPPLICATION NO.
10/618,852

APPLICANTS

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2165-1231




U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
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FOREIGN PATENT DOCUMENTS

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	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	114	Zhu, X.D., <i>et al.</i> , "Homology requirements for ligation and strand exchange by the FLP recombinase," <i>J. Biol. Chem.</i> 270:11646-11653, American Society for Biochemistry and Molecular Biology (1995)
	AS	114	U.S. Patent Application No. 09/438,358, Gerard <i>et al.</i> , filed November 12, 1999 (NOT PUBLISHED)
	AT	114	U.S. Patent Application No. 09/517,466, Hartley <i>et al.</i> , filed March 2, 2000 (NOT PUBLISHED)

EXAMINER

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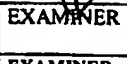
U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
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FOREIGN PATENT DOCUMENTS

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	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	115	U.S. Patent Application No. 09/695,065, Brasch <i>et al.</i> , filed October 25, 2000 (NOT PUBLISHED)
	AS	115	U.S. Patent Application No. 09/984,239, Brasch <i>et al.</i> , filed October 29, 2001 (NOT PUBLISHED)
	AT	115	U.S. Patent Application No. 10/633,690, Byrd <i>et al.</i> , filed August 5, 2003 (NOT PUBLISHED)

EXAMINER

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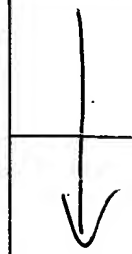

U.S. PATENT DOCUMENTS

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	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	116	U.S. Patent Application No. 10/877,952, Welch <i>et al.</i> , filed June 28, 2004 (NOT PUBLISHED)
	AS	116	U.S. Patent Application No. 10/913,501, Chesnut <i>et al.</i> , filed August 9, 2004 (NOT PUBLISHED)
	AT	116	U.S. Patent Application No. 10/970,635, Hanson, filed October 22, 2004 (NOT PUBLISHED)

EXAMINER

DATE CONSIDERED

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	AO						Yes
							No
	AP						Yes
							No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	117	U.S. Patent Application No. 11/000,371, Chesnut <i>et al.</i> , filed December 1, 2004 (NOT PUBLISHED)
	AS	117	Dialog File 351, Derwent World Patent Index, unverified English Language Abstract for PCT Patent No. WO 98/53056 (Document AL7), WPI Accession No. 12194396
	AT	117	Dialog File 351, Derwent World Patent Index, unverified English Language Abstract for PCT Patent No. WO 99/25851 (Document AO7), WPI Accession No. 12541379

EXAMINER

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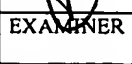
U.S. PATENT DOCUMENTS

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							No
	AO						Yes
							No
	AP						Yes
							No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>118</u>	Argos, P., <i>et al.</i> , "The integrase family of site-specific recombinases: regional similarities and global diversity," <i>EMBO J.</i> 5:433-440, IRL Press Ltd. (1986)
	AS	<u>118</u>	Invitrogen Online Catalog, "The Echo™ Cloning System: The Future of Cloning is Here," available at: http://invitrogen.com/content.cfm?pageid=3371&cfdid=16767784&cftoken=62396683 (accessed July 7, 2004)
	AT	<u>118</u>	Office Action for U.S. Patent Application No. 09/907,719, mailed on July 13, 2004

EXAMINER

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	AR	<u>119</u>	Office Action for U.S. Patent Application No. 09/432,085, mailed on July 16, 2004
	AS	<u>119</u>	Office Action for U.S. Patent Application No. 10/058,291, mailed on September 22, 2004
	AT	<u>119</u>	Office Action for U.S. Patent Application No. 10/058,292, mailed on September 22, 2004

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	AR	<u>120</u>	Office Action for U.S. Patent Application No. 09/855,797, mailed on October 1, 2004
	AS	<u>120</u>	Office Action for U.S. Patent Application No. 09/695,065, mailed on October 27, 2004
	AT	<u>120</u>	Office Action for U.S. Patent Application No. 10/820,133 mailed on November 17, 2004

EXAMINER

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	AP						Yes
							No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>121</u>	Office Action for U.S. Patent Application No. 09/907,719 mailed on December 28, 2004
	AS	<u>121</u>	Office Action for U.S. Patent Application No. 09/432,085, mailed on December 28, 2004
	AT	<u>121</u>	Office Action for U.S. Patent Application No. 10/796,868, mailed on January 25, 2005

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